

National Sample Census of Agriculture

Nepal

2011/12

Parbat

Government of Nepal

National Planning Commission Secretariat

Central Bureau of Statistics Kathmandu,

Nepal

December 2013

AREA CONVERSION

1 Hectare = 19.657178 ropanis
= 1.476569 bighas
= 78.628715 matomuris
= 2.471065 acres

Area less than 0.1 ha is not shown in tables

ROUNDING OF FIGURES

Some figures have been rounded off to the nearest final digit. This may result in a slight discrepancy between the sum of the individual item and the total as shown in the table.

Sufficiently precise estimates have been obtained for major characteristics covered in the census. However, due to the inherent properties of the sampling, the same cannot be said for those items which are either minor or location specific in the district.

Preface

The Central Bureau of Statistics (CBS) in Nepal participates in the World Census of Agriculture as advocated by the FAO (Food and Agriculture Organization of the United Nations) for its member nations every ten years. The Census of Agriculture is conducted to measure actual agricultural conditions, particularly the structural aspects, of agriculture in the country.

This report primarily represents the findings of the Census of Agriculture conducted in Fiscal Year 2011/2012. This is the sixth decennial Census of Agriculture undertaken by Nepal. This report consists of two main sections. The first section consists of 32 statistical tables for each of the districts based on the census data. The second section provides information about methodology; definitions about various variables of the census, quality control, interpretation of data and dissemination of census data.

For those interested to know the sampling strategy adopted in the Census of Agriculture, it would be worthwhile to mention here that the sampling frame used is derived from the household schedule of the National Population and Housing Census 2011 which contains information about the holdings of agricultural land and livestock. The livestock population can thus be considered as a total count as it was taken along with the National Population and Housing Census. For the first time, the agricultural census of Nepal introduced community level questions and also collected data on the production of the major crops.

I am thankful to Mr. Suman Aryal, Deputy Director General of the CBS for his overall guidance and management of the census. Mr. Ambika Bashyal and Mr. Birendra Kumar Kayastha, Directors of the section deserve special thanks for their prime role in the overall census processes. I would like to thank Director Mr. Badri Kumar Karki and Mr. Jay Kumar Sharma and Statistical Officers Mr. Prithivi Bijaya Raj Sijapati, Mr. Kishor K C, Mr. Ganesh Phuyal, Mr. Govinda Dhungana, Mr. Kapil Dhital and also, Mr. Lila Nath Pandey, Mr. Dol Narayan Shrestha, Mr. Raju Pokharel Computer Officers. Similarly, the team of all the district agriculture census offices deserves thanks for their contribution in the fieldwork of the census operation. I also thank the then Deputy Director General Prabodh Sagar Dhakal for his hard work and dedication in the planning and fieldwork of the census.

Special thanks go to all respondent households of Nepal for providing information to the field staff of the bureau. Without their generous support, this census would not have been conducted efficiently.

Finally, I would like to express my gratitude to the Hon'ble Vice Chairman, Member Secretary of the National Planning Commission and also to other members of the Steering Committee, Technical Committee and all other well-wishers whose guidance and suggestions helped to make this census a grand success. I hope that the results will be useful for planners, policy makers, administrators, researchers, students, experts and other users.

Bikash Bista

January 27, 2014

Director General,
Central Bureau of Statistics

Table of Content

	Page
Preface	III
Table 1. Number, area and fragmentation of holdings by total area of holding	1
Table 2. Number, area of holdings by tenure and size	2
Table 2a. Number, area of holdings by tenure and size	3
Table 2b. Number, area of holdings by tenure forms and size	4
Table 3. Number, area and land use by total area of holding	5
Table 3. Number, area and land use by total area of holding (Continued)	6
Table 4. Number, area, number of holdings reporting and area irrigated by source of irrigation by total area of holding	7
Table 4a. Number, area, number of holdings reporting and payment terms (on area or time basis) for irrigation by total area of holding	8
Table 5. Number, area of holdings and crop stand by total area of holding	9
Table 6. Number, area of holdings, number of holdings reporting and land under temporary crops by size	10
Table 6a. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding	11
Table 6b. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding	12
Table 6c. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding	13
Table 6d. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding	14
Table 6e. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding	15
Table 6f. Number, area of holdings, number of holdings reporting and area under temporary crops by total area of holding	16
Table 6g. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding	17

Table 7.	Plantation features and ages of different permanent crops by total area of holding	18
Table 7a.	Plantation features and ages of orange by total area of holding	19
Table 7b.	Plantation features and ages of junar by total area of holding	20
Table 7c.	Plantation features and ages of lemon by total area of holding	21
Table 7d.	Plantation features and ages of lime by total area of holding	22
Table 7e.	Plantation features and ages of sweet orange by total area of holding	23
Table 7f.	Plantation features and ages of other citrus fruits by total area of holding	24
Table 7g.	Plantation features and ages of mango by total area of holding	25
Table 7h.	Plantation features and ages of banana by total area of holding	26
Table 7i.	Plantation features and ages of guava by total area of holding	27
Table 7j.	Plantation features and ages of jackfruit by total area of holding	28
Table 7k.	Plantation features and ages of pineapple by total area of holding	29
Table 7l.	Plantation features and ages of lychee by total area of holding	30
Table 7m.	Plantation features and ages of apple by total area of holding	31
Table 7n.	Plantation features and ages of pear by total area of holding	32
Table 7o.	Plantation features and ages of peach by total area of holding	33
Table 7p.	Plantation features and ages of papaya by total area of holding	34
Table 7q.	Plantation features and ages of pomegranate by total area of holding	35
Table 7r.	Plantation features and ages of coconut by total area of holding	36
Table 7s.	Plantation features and ages of walnut by total area of holding	37
Table 7t.	Plantation features and ages of beetle nut by total area of holding	38
Table 7u.	Plantation features and ages of other fruits by total area of holding	39
Table 7v.	Plantation features and ages of tea by total area of holding	40
Table 7w.	Plantation features and ages of coffee by total area of holding	41

Table 7x.	Plantation features and ages of black cardamom by total area of holding	42
Table 7y.	Plantation features and ages of amriso, thatch and bamboo by total area of holding	43
Table 7z.	Plantation features and ages of fodder tree and multi-year grass crops by total area of holding	44
Table 8.	Number, area of holdings, number of holdings reporting use of agricultural inputs area treated with and quantity of chemical/mineral fertilizers used by total area of holding	45
Table 8.	Number, area of holdings, number of holdings reporting use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 1)	46
Table 8.	Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 2)	47
Table 8.	Number, area of holdings, number of holdings reporting, use of agricultural inputs area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 3)	48
Table 8.	Number, area of holdings, number of holdings reporting, use of agricultural inputs area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 4)	49
Table 8.	Number, area of holdings, number of holdings reporting, use of agricultural inputs area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 5)	50
Table 8.	Number, area of holdings, number of holdings reporting, use of agricultural inputs area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 6)	51
Table 9.	Number of holdings reporting different type of livestock by area of holding	52
Table 9.	Number of holdings reporting different type of livestock by area of holding (Continued)	53
Table 9a.	Number of holdings reporting livestock according to age, sex and breed by total area of holding	54
Table 9a.	Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)	55
Table 9a.	Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)	56
Table 9b.	Number of holdings reporting livestock according to age, sex and breed by total area of holding	57
Table 9c.	Number of holdings reporting livestock according to age, sex and breed by total area of holding	58

Table 9c.	Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)	59
Table 9c.	Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)	60
Table 9d.	Number of holdings reporting livestock according to age, sex and breed by total area of holding	61
Table 9d.	Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)	62
Table 9e.	Number of holdings reporting livestock according to age, sex and breed by total area of holding	63
Table 9e.	Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)	64
Table 9f.	Number of holdings reporting livestock according to age, sex and breed by total area of holding	65
Table 10.	Number of holdings reporting different type of birds by area of holding	66
Table 11.	Number of holdings reporting different type of birds by area of holding	67
Table 12.	Number, area of holdings, number of holdings reporting use of implements and other facilities by total area of holding	68
Table 13.	Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding	69
Table 13.	Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)	70
Table 13.	Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)	71
Table 13.	Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)	72
Table 13.	Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)	73
Table 13.	Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)	74
Table 14.	Number of holdings, use of non-residential buildings according to source by total area of holding	75
Table 14.	Number of holdings, use of non-residential buildings according to source by total area of holding (Continued)	76

Table 15.	Number, area of holdings and number of holdings reporting forest trees by total area of holding	77
Table 15.	Number, area of holdings and number of holding reporting use of forest trees by total area of holding (continued)	78
Table 16.	Number, area of holdings and number of holdings reporting ancillary agriculture activity on holding by total area of holding	79
Table 16a.	Number, area of holdings, number of holdings reporting fishery and number and area of fish pond by total area of holding	80
Table 17.	Number, area of holdings and number of holdings reporting agricultural credit by total area of holding	81
Table 18.	Number, area of holdings, number of holdings reporting need for agricultural loan and purpose of loan by total area of holding	82
Table 19.	Number, area of holdings, number of holdings reporting main source of income and sufficiency of income by total area of holding	83
Table 19a.	Number of holdings reporting whether agricultural / livestock produce is sufficient period of insufficiency and income sources for insufficiency by total area of holding	84
Table 20.	Number of holdings reporting one way travel time to the nearest agriculture market	85
Table 20a.	Number, area of holdings and number of holdings reporting mode of transport to reach the nearest agricultural market by total area of holding	86
Table 21.	Number, area of holdings, number of holdings reporting holder as head of the household and classification of household by total area of holding	87
Table 22.	Number, area of holdings, number of holdings reporting, main purpose of production and main production of the holding by total area of holding	88
Table 23.	Number, area of holdings, number of holdings reporting other economic production activity by total area of holding	89
Table 24.	Number, area of holdings, number of holdings reporting and area of land made uncultivable due to soil degradation by total area of holding	90
Table 25.	Number of holdings by type of employment of agricultural workers and number of permanent agricultural workersby sex and by total area of holding	91
Table 26.	Number of holdings reporting by holder's age, sex and total area of holding	92
Table 26.	Number of holdings reporting by holder's age, sex and total area of holding (Continued)	93
Table 27.	Area of holdings reporting by holder's age, sex and total area of holding	94
Table 27.	Area of holdings reporting by holder's age, sex and total area of holding (Continued)	95
Table 28.	Farm population by age, sex and total area of holding	96

Table 28.	Farm population by age, sex and total area of holding (Continued)	97
Table 29.	Educational level of holders	98
Table 29.	Educational level of holder (Continued)	99
Table 30.	Educational level of farm population other than holder	100
Table 30.	Educational level of farm population other than holder (Continued)	101
Table 31.	Occupational distribution of holder	102
Table 31.	Occupational distribution of holder (Continued)	103
Table 32.	Occupational distribution of farm population other than holder	104
Table 32.	Occupational distribution of farm population other than holder (Continued)	105

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 1. Number, area and fragmentation of holdings by total area of holding

Total area of holding	Holdings				Fragmentation							
	Number	Area (ha)			Total no. of parcels	Average no. of parcels	Number of holdings consisting of parcels					
		Wet	Dry	Total			1	2-3	4-5	6-9	10 and over	
Holding without land	487	0.8	12.8	13.6	505	1.0	468	19				
Holding with land	28,157	5,624.4	6,960.9	12,585.3	107,144	3.8	2,546	12,394	8,631	3,763	824	
Under 0.1 ha	1,984	16.0	88.9	104.9	3,033	1.5	1,161	786	37			
0.1 ha and Under 0.2 ha	4,624	247.1	390.2	637.3	11,851	2.6	693	3,070	711	150		
0.2 ha and Under 0.5 ha	12,412	1,908.8	2,153.0	4,061.8	45,044	3.6	562	6,309	4,100	1,311	131	
0.5 ha and Under 1 ha	6,908	2,098.2	2,494.6	4,592.8	33,343	4.8	112	1,872	2,995	1,573	356	
1 ha and Under 2 ha	1,947	1,101.9	1,385.1	2,486.9	12,263	6.3	19	300	693	618	318	
2 ha and Under 3 ha	243	249.6	291.5	541.1	1,516	6.2		19	94	112	19	
3 ha and Under 4 ha	19		62.4	62.4	56	3.0		19				
4 ha and Under 5 ha												
5 ha and Under 10 ha	19	2.9	95.2	98.1	37	2.0		19				
10 ha and over												
Total	28,644	5,625.2	6,973.7	12,598.9	107,649	3.8	3,014	12,412	8,631	3,763	824	

Remarks: Holdings having area under crops less than 0.01355 ha (8 Dhurs) in Terai or 0.01272 ha (4 Aanas) in Hilly and Mountainous region are included in the category 'Holdings without land'.

Details may not add up to totals due to rounding.

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 2. Number, area of holdings by tenure and size

Total area of holding	Holdings		Tenure forms									
			One tenure forms						More than one tenure forms			
	Owned		Rented from others		Other tenure forms		No. of holdings	Area (ha)				
	Number	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)		No. of holdings	Area (ha)	Owned	Rented	Other tenure
Holding without land	487	13.6	356	9.0	112	3.5			19		1.0	0.2
Holding with land	28,157	12,585.3	24,057	10,847.0	393	108.6			3,707	933.7	694.6	1.3
Under 0.1 ha	1,984	104.9	1,872	97.5	19	1.0			94	1.8	4.7	
0.1 ha and under 0.2 ha	4,624	637.3	4,063	556.9	150	19.5			412	30.6	30.3	
0.2 ha and under 0.5 ha	12,412	4,061.8	10,147	3,306.2	187	62.9			2,078	342.6	348.7	1.3
0.5 ha and under 1 ha	6,908	4,592.8	5,972	4,018.8	37	25.2			899	336.8	212.0	
1 ha and under 2 ha	1,947	2,486.9	1,760	2,251.8					187	167.7	67.5	
2 ha and under 3 ha	243	541.1	206	455.4					37	54.3	31.4	
3 ha and under 4 ha	19	62.4	19	62.4								
4 ha and under 5 ha												
5 ha and under 10 ha	19	98.1	19	98.1								
10 ha and over												
Total	28,644	12,598.9	24,413	10,856.0	505	112.1			3,726	933.7	695.6	1.5

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 2a. Number, area of holdings by tenure and size

Total area of holding	Number of holdings	Under one tenure form - rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for services		Rented for mortgage		Other rental arrangements	
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	487	112	3.5	94	3.2									19	0.2
Holding with land	28,157	393	108.6	56	13.0			243	63.2	19	1.0	75	17.2	37	14.3
Under 0.1 ha	1,984	19	1.0											19	1.0
0.1 ha and under 0.2 ha	4,624	150	19.5	19	0.2			112	14.3	19	1.0	37	4.0		
0.2 ha and under 0.5 ha	12,412	187	62.9	37	12.7			112	37.0			37	13.2		
0.5 ha and under 1 ha	6,908	37	25.2					19	11.9					19	13.3
1 ha and under 2 ha	1,947														
2 ha and under 3 ha	243														
3 ha and under 4 ha	19														
4 ha and under 5 ha															
5 ha and under 10 ha	19														
10 ha and over															
Total	28,644	505	112.1	150	16.2			243	63.2	19	1.0	75	17.2	56	14.5

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 2b. Number, area of holdings by tenure forms and size

Total area of holding	No. of holdings	Under more than one tenure forms --- rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for		Rented for mortgage		Other rental arrangements	
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	487	19	1.0					19	1.0						
Holding with land	28,157	3,707	694.6	337	49.8	262	61.1	1,816	322.4	131	9.3	1,348	211.6	75	40.3
Under 0.1 ha	1,984	94	4.7	19	0.2	37	2.8	19	0.7			19	1.0		
0.1 ha and under 0.2 ha	4,624	412	30.3	19	0.2	19	2.4	225	17.0	37	1.2	112	7.6	19	1.9
0.2 ha and under 0.5 ha	12,412	2,078	348.7	206	28.4	131	32.2	1,067	197.0	37	1.4	768	89.7		
0.5 ha and under 1 ha	6,908	899	212.0	75	18.1	75	23.8	431	88.8	56	6.7	318	56.2	37	18.4
1 ha and under 2 ha	1,947	187	67.5	19	2.9			75	18.9			94	25.7	19	20.0
2 ha and under 3 ha	243	37	31.4									37	31.4		
3 ha and under 4 ha	19														
4 ha and under 5 ha															
5 ha and under 10 ha	19														
10 ha and over															
Total	28,644	3,726	695.6	337	49.8	262	61.1	1,835	323.4	131	9.3	1,348	211.6	75	40.3

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 3. Number, area and land use by total area of holding

Total area of holding	Total		Agricultural land							
	No. of holdings	Area (ha)	Crop land							
			Arable land							
			Land under temporary crops		Area under temporary meadows		Land under temporary fallow		Total arable land	
			No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	487	13.6	112	0.9			19	1.0	131	1.8
Holding with land	28,157	12,585.3	28,082	9,012.7	468	65.1	2,453	385.4	28,082	9,463.1
Under 0.1 ha	1,984	104.9	1,984	71.3					1,984	71.3
0.1 ha and under 0.2 ha	4,624	637.3	4,568	504.1	19	0.4	56	1.5	4,568	506.0
0.2 ha and under 0.5 ha	12,412	4,061.8	12,394	3,138.4	168	16.5	805	74.9	12,394	3,229.8
0.5 ha and under 1 ha	6,908	4,592.8	6,908	3,287.3	131	19.6	880	114.6	6,908	3,421.6
1 ha and under 2 ha	1,947	2,486.9	1,947	1,671.1	150	28.6	580	131.6	1,947	1,831.2
2 ha and under 3 ha	243	541.1	243	333.3			112	53.3	243	386.6
3 ha and under 4 ha	19	62.4	19	4.8			19	9.5	19	14.3
4 ha and under 5 ha										
5 ha and under 10 ha	19	98.1	19	2.4					19	2.4
10 ha and over										
Total	28,644	12,598.9	28,195	9,013.5	468	65.1	2,471	386.4	28,213	9,465.0

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 3. Number, area and land use by total area of holding (Continued)

Total area of holding	Agricultural land						Ponds		All other land	
	Crop land		Permanent meadows and pasture		Forest and other Woodland					
	Land under permanent crops									
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land									487	11.8
Holding with land	10,990	1,597.5	449	53.8	4,905	702.3	37	2.4	27,951	766.3
Under 0.1 ha	112	1.9							1,984	31.7
0.1 ha and under 0.2 ha	936	28.6			281	8.2			4,606	94.5
0.2 ha and under 0.5 ha	4,606	402.5	131	12.9	1,535	88.9	19	0.5	12,281	327.2
0.5 ha and under 1 ha	3,932	697.2	206	25.1	2,003	226.4			6,871	222.5
1 ha and under 2 ha	1,217	375.7	94	11.9	917	189.3	19	1.9	1,928	76.9
2 ha and under 3 ha	168	88.6	19	3.8	131	49.5			243	12.5
3 ha and under 4 ha	19	2.9			19	44.8			19	0.5
4 ha and under 5 ha										
5 ha and under 10 ha					19	95.2			19	0.5
10 ha and over										
Total	10,990	1,597.5	449	53.8	4,905	702.3	37	2.4	28,438	778.1

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 4. Number, area, number of holdings reporting and area irrigated by source of irrigation by total area of holding

Total area of holding	Total		Source of irrigation													
	No. of holdings	Area (ha)	No. of holdings reporting	Area (ha)	River/lake/pond				Dam/reservoir		Tube well/boring		Others		Mixed	
					By gravity		Pumping		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
					No. of holdings	Area (ha)	No. of holdings	Area (ha)								
Holding without land	487	13.6														
Holding with land	28,157	12,585.3	20,650	5,151.7	19,583	4,858.4	56	8.3	412	66.5			1,236	215.9	37	2.6
Under 0.1 ha	1,984	104.9	599	18.8	449	14.9							150	3.9		
0.1 ha and under 0.2 ha	4,624	637.3	2,846	235.8	2,677	221.1			75	4.0			168	8.0	37	2.6
0.2 ha and under 0.5 ha	12,412	4,061.8	9,754	1,790.2	9,323	1,688.8	19	3.8	150	19.5			543	78.1		
0.5 ha and under 1 ha	6,908	4,592.8	5,710	1,978.0	5,467	1,872.4	19	2.6	150	32.7			262	70.3		
1 ha and under 2 ha	1,947	2,486.9	1,535	940.1	1,460	872.5	19	1.9	37	10.2			112	55.5		
2 ha and under 3 ha	243	541.1	187	186.8	187	186.8										
3 ha and under 4 ha	19	62.4														
4 ha and under 5 ha																
5 ha and under 10 ha	19	98.1	19	1.9	19	1.9										
10 ha and over																
Total	28,644	12,598.9	20,650	5,151.7	19,583	4,858.4	56	8.3	412	66.5			1,236	215.9	37	2.6

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 4a. Number, area, number of holdings reporting and payment terms (on area or time basis) for irrigation by total area of holding

Total area of holding	Total		Payment terms for Irrigation										
	No. of holdings	Area (ha)	No. of holdings reporting	Area (ha)	Did not pay for water		Paid for water						
							On area basis		On time basis		Other		
					No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	
Holding without land	487	13.6											
Holding with land	28,157	12,585.3	20,650	5,151.7	19,021	4,693.4	1,442	331.7	524	85.2	281	41.5	
Under 0.1 ha	1,984	104.9	599	18.8	543	16.7	56	2.1					
0.1 ha and under 0.2 ha	4,624	637.3	2,846	235.8	2,565	204.4	206	22.1	131	8.2	19	1.1	
0.2 ha and under 0.5 ha	12,412	4,061.8	9,754	1,790.2	8,949	1,601.3	693	148.8	150	24.0	150	16.1	
0.5 ha and under 1 ha	6,908	4,592.8	5,710	1,978.0	5,279	1,800.0	431	125.2	150	33.2	94	19.5	
1 ha and under 2 ha	1,947	2,486.9	1,535	940.1	1,479	882.3	56	33.3	94	19.8	19	4.8	
2 ha and under 3 ha	243	541.1	187	186.8	187	186.8							
3 ha and under 4 ha	19	62.4											
4 ha and under 5 ha													
5 ha and under 10 ha	19	98.1	19	1.9	19	1.9							
10 ha and over													
Total	28,644	12,598.9	20,650	5,151.7	19,021	4,693.4	1,442	331.7	524	85.2	281	41.5	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 5. Number, area of holdings and crop stand by total area of holding

Total area of holding	Total		Crops under pure stand				Crops under mixed stand				Associated crops	
	No. of holdings	Area (ha)	Temporary		Permanent		Temporary		Permanent			
			No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	112	2.5	112	2.5								
Holding with land	28,157	19,013.8	28,064	17,243.8	10,802	1,574.2	1,516	172.5	318	23.3		
Under 0.1 ha	1,984	154.2	1,984	152.2	112	1.9	19	0.1				
0.1 ha and under 0.2 ha	4,624	1,103.1	4,549	1,062.5	936	28.6	225	11.9				
0.2 ha and under 0.5 ha	12,412	6,591.1	12,394	6,108.5	4,474	385.6	693	80.2	206	16.8		
0.5 ha and under 1 ha	6,908	6,963.7	6,908	6,202.0	3,894	692.0	487	64.4	56	5.3		
1 ha and under 2 ha	1,947	3,493.7	1,947	3,102.0	1,198	374.6	94	15.9	56	1.1		
2 ha and under 3 ha	243	691.0	243	602.4	168	88.6						
3 ha and under 4 ha	19	10.8	19	7.9	19	2.9						
4 ha and under 5 ha												
5 ha and under 10 ha	19	6.3	19	6.3								
10 ha and over												
Total	28,270	19,016.3	28,176	17,246.3	10,802	1,574.2	1,516	172.5	318	23.3		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 6. Number, area of holdings, number of holdings reporting and land under temporary crops by size

Total area of holding	Cereal grains		Leguminous grains		Tubers and bulb crops		Oil seeds		Cash crops		Spices		Vegetables		Temporary grass crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	37	0.6									37	0.2	94	1.7		
Holding with land	27,614	15,703.9	5,205	134.7	13,068	444.9	6,159	437.6	75	0.5	8,556	174.8	16,194	468.0	842	52.0
Under 0.1 ha	1,573	117.5	150	2.1	599	7.2	19	0.5			562	5.4	1,142	19.6		
0.1 ha and Under 0.2 ha	4,549	922.6	749	13.3	1,647	40.1	786	34.0			1,048	12.9	2,359	47.0	131	4.6
0.2 ha and under 0.5 ha	12,356	5,534.3	2,509	55.5	5,822	161.8	2,677	157.6	37	0.3	3,932	72.0	7,339	188.4	318	18.8
0.5 ha and under 1 ha	6,908	5,663.3	1,311	31.9	3,875	166.7	2,190	168.3	19	0.0	2,471	62.2	4,231	152.3	300	21.7
1 ha and under 2 ha	1,947	2,902.0	412	28.7	992	58.5	356	53.9	19	0.2	431	18.6	936	49.1	94	6.9
2 ha and under 3 ha	243	554.1	56	1.8	112	9.7	131	23.3			94	3.3	150	10.2		
3 ha and under 4 ha	19	5.4	19	1.4									19	1.1		
4 ha and under 5 ha																
5 ha and under 10 ha	19	4.8			19	1.0					19	0.2	19	0.4		
10 ha and over																
Total	27,652	15,704.5	5,205	134.7	13,068	444.9	6,159	437.6	75	0.5	8,593	174.9	16,288	469.7	842	52.0

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 6a. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding

Total area of holding	Early paddy		Main paddy		Upland paddy		Wheat		Maize		Millets		Barley/naked barley		Buckwheat		Other cereals	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land									37	0.3	37	0.3						
Holding with land	412	57.7	20,856	5,097.5	318	39.6	11,570	1,499.2	26,809	5,843.2	22,709	3,090.7	1,048	63.6	262	11.8	75	0.6
Under 0.1 ha	37	1.0	412	13.3			281	8.1	1,479	53.9	1,217	40.9					19	0.2
0.1 ha and Under 0.2 ha	56	3.5	2,827	222.9	19	0.5	1,535	76.4	4,418	384.9	3,463	229.5	94	3.9	19	1.0		
0.2 ha and under 0.5 ha	112	11.1	9,904	1,778.1	112	11.0	5,130	550.2	11,851	2,059.1	9,960	1,090.3	487	32.2	56	2.1	37	0.3
0.5 ha and under 1 ha	131	17.7	5,804	1,895.0	168	24.3	3,557	579.9	6,833	2,056.4	5,972	1,063.6	393	17.3	187	8.8	19	0.1
1 ha and under 2 ha	56	15.7	1,685	977.0	19	3.8	917	244.6	1,947	1,095.8	1,816	554.9	75	10.2				
2 ha and under 3 ha	19	8.6	206	209.2			150	40.0	243	187.5	243	108.8						
3 ha and under 4 ha									19	3.2	19	2.2						
4 ha and under 5 ha																		
5 ha and under 10 ha			19	1.9					19	2.4	19	0.5						
10 ha and over																		
Total	412	57.7	20,856	5,097.5	318	39.6	11,570	1,499.2	26,847	5,843.5	22,747	3,091.0	1,048	63.6	262	11.8	75	0.6

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 6b. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding

Total area of holding	Soyabean		Black gram		Red gram		Grass pea		Lentil		Gram pea		Pea		Green gram		Horse gram		Cow pea		Other leguminous crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land																						
Holding with land	2,041	38.1	187	4.6	356	3.0			880	35.8	75	5.1	1,348	22.9	19	1.0	131	1.6	861	13.7	861	9.1
Under 0.1 ha	19	0.0	19	0.2									56	0.8			37	0.4	37	0.4	37	0.3
0.1 ha and Under 0.2 ha	225	2.6	37	1.0	75	0.7			75	2.9			150	1.9					168	1.8	243	2.5
0.2 ha and under 0.5 ha	974	10.2	75	2.5	206	1.5			393	13.9	56	3.3	655	11.6	19	1.0	56	0.7	374	6.5	412	4.4
0.5 ha and under 1 ha	599	12.6	37	0.5	56	0.8			281	7.7			393	5.0			19	0.2	168	3.4	150	1.6
1 ha and under 2 ha	187	10.7	19	0.2	19	0.1			131	11.4	19	1.7	75	2.7			19	0.2	94	1.4	19	0.3
2 ha and under 3 ha	19	0.5											19	1.0					19	0.4		
3 ha and under 4 ha	19	1.4																				
4 ha and under 5 ha																						
5 ha and under 10 ha																						
10 ha and over																						
Total	2,041	38.1	187	4.6	356	3.0			880	35.8	75	5.1	1,348	22.9	19	1.0	131	1.6	861	13.7	861	9.1

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 6c. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding

Total area of holding	Potato		Sweet potato		Colocasia		Other tubers and bulbs	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land								
Holding with land	12,824	438.1	131	2.0	393	3.9	75	0.8
Under 0.1 ha	543	6.0	19	0.2	56	0.5	19	0.5
0.1 ha and Under 0.2 ha	1,629	39.9			37	0.2		
0.2 ha and under 0.5 ha	5,691	159.7	75	0.7	150	1.4	19	0.0
0.5 ha and under 1 ha	3,838	164.5	37	1.1	94	0.7	37	0.3
1 ha and under 2 ha	992	57.3			56	1.1		
2 ha and under 3 ha	112	9.7						
3 ha and under 4 ha								
4 ha and under 5 ha								
5 ha and under 10 ha	19	1.0						
10 ha and over								
Total	12,824	438.1	131	2.0	393	3.9	75	0.8

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 6d. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding

Total area of holding	Mustard		Ground nut		Linseed		Sesame		Niger seed		Other oilseed crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land												
Holding with land	6,066	433.8	56	1.3			37	0.4			37	2.1
Under 0.1 ha	19	0.5										
0.1 ha and Under 0.2 ha	786	34.0										
0.2 ha and under 0.5 ha	2,602	154.8	37	0.3			37	0.4			37	2.1
0.5 ha and under 1 ha	2,172	167.3	19	1.0								
1 ha and under 2 ha	356	53.9										
2 ha and under 3 ha	131	23.3										
3 ha and under 4 ha												
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	6,066	433.8	56	1.3			37	0.4			37	2.1

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 6e. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding

Total area of holding	Sugarcane		Jute		Tobacco		Other cash crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land								
Holding with land	37	0.0					37	0.5
Under 0.1 ha								
0.1 ha and Under 0.2 ha								
0.2 ha and under 0.5 ha	19	0.0					19	0.2
0.5 ha and under 1 ha	19	0.0						
1 ha and under 2 ha							19	0.2
2 ha and under 3 ha								
3 ha and under 4 ha								
4 ha and under 5 ha								
5 ha and under 10 ha								
10 ha and over								
Total	37	0.0					37	0.5

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 6f. Number, area of holdings, number of holdings reporting and area under temporary crops by total area of holding

Total area of holding	Chili		Onion		Garlic		Ginger		Turmeric		Coriander seed		Other spice crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land					37	0.2								
Holding with land	2,677	21.3	5,373	59.0	5,916	59.3	1,273	11.8	1,086	14.6	580	5.4	56	3.2
Under 0.1 ha	168	0.7	187	1.2	393	2.7	37	0.2	19	0.2	37	0.3		
0.1 ha and Under 0.2 ha	393	1.2	599	5.1	562	5.1	150	0.8	75	0.5	75	0.2		
0.2 ha and under 0.5 ha	1,292	11.0	2,415	22.4	2,640	22.9	562	4.8	562	8.9	225	1.7	19	0.2
0.5 ha and under 1 ha	693	6.5	1,722	21.3	1,835	19.8	449	4.2	393	4.8	225	2.7	37	3.0
1 ha and under 2 ha	131	1.8	337	7.1	374	7.3	75	1.8	37	0.2	19	0.5		
2 ha and under 3 ha			94	1.9	94	1.4								
3 ha and under 4 ha														
4 ha and under 5 ha														
5 ha and under 10 ha			19	0.1	19	0.1								
10 ha and over														
Total	2,677	21.3	5,373	59.0	5,953	59.5	1,273	11.8	1,086	14.6	580	5.4	56	3.2

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 6g. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding

Total area of holding	Cauliflower		Cabbage		Tomato		Others	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	56	0.4	19	0.1			94	1.2
Holding with land	4,231	58.8	3,127	38.1	786	21.7	15,483	349.4
Under 0.1 ha	468	4.0	243	2.0	56	0.2	1,086	13.4
0.1 ha and Under 0.2 ha	562	4.9	356	5.0	56	1.1	2,209	36.0
0.2 ha and under 0.5 ha	1,591	20.9	1,142	10.7	374	12.0	7,039	144.7
0.5 ha and under 1 ha	1,198	19.1	992	11.6	243	6.6	4,044	115.0
1 ha and under 2 ha	337	7.9	300	7.1	56	1.9	917	32.2
2 ha and under 3 ha	75	1.9	94	1.6			150	6.7
3 ha and under 4 ha							19	1.1
4 ha and under 5 ha								
5 ha and under 10 ha							19	0.4
10 ha and over								
Total	4,287	59.1	3,145	38.2	786	21.7	15,576	350.6

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7. Plantation features and ages of different permanent crops by total area of holding

Total area of holding	Total		Permanent crops									
	No. of holdings	Area (ha)	No. of holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
					Productive age			Non-productive age			Productive age	Non-productive age
					No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	487	13.6	19								56	
Holding with land	28,157	12,585.3	15,764	1,597.5	2,715	136.4	54,330	10,784	1,461.1	26,678	111,000	30,778
under 0.1 ha	1,984	104.9	431	1.9	19	0.5	187	94	1.4		1,685	300
0.1 ha and under 0.2 ha	4,624	637.3	1,367	28.6	225	3.8	1,591	824	24.8	449	3,819	861
0.2 ha and under 0.5 ha	12,412	4,061.8	6,927	402.5	955	40.3	18,722	4,531	362.2	5,261	44,202	15,352
0.5 ha and under 1 ha	6,908	4,592.8	5,167	697.2	1,011	52.8	19,938	3,857	644.4	9,005	40,214	10,353
1 ha and under 2 ha	1,947	2,486.9	1,647	375.7	487	34.2	12,955	1,292	341.5	11,963	19,470	3,726
2 ha and under 3 ha	243	541.1	187	88.6	19	4.8	936	168	83.9		1,573	187
3 ha and under 4 ha	19	62.4	19	2.9				19	2.9			
4 ha and under 5 ha												
5 ha and under 10 ha	19	98.1	19								37	
10 ha and over												
Total	28,644	12,598.9	15,782	1,597.5	2,715	136.4	54,330	10,784	1,461.1	26,678	111,056	30,778

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7a. Plantation features and ages of orange by total area of holding

Total area of holding	Orange									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	19								56	
Holding with land	4,006	107.7	1,236	79.1	34,710	487	28.5	10,203	9,342	4,680
under 0.1 ha	131	0.5	19	0.5	187				131	94
0.1 ha and under 0.2 ha	281	3.9	112	3.5	1,123	37	0.4	168	356	19
0.2 ha and under 0.5 ha	1,779	36.0	468	29.9	14,154	206	6.1	2,284	3,520	2,190
0.5 ha and under 1 ha	1,329	34.5	431	24.8	9,922	206	9.6	4,587	3,782	1,704
1 ha and under 2 ha	487	32.9	206	20.5	9,323	37	12.4	3,164	1,554	674
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	4,025	107.7	1,236	79.1	34,710	487	28.5	10,203	9,398	4,680

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7b. Plantation features and ages of junar by total area of holding

Total area of holding	Junar									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	19								56	
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha										
0.5 ha and under 1 ha	19								56	
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	19								56	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7c. Plantation features and ages of lemon by total area of holding

Total area of holding	Lemon									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,404	5.6	75	1.1	674	112	4.5	2,490	1,554	936
under 0.1 ha										
0.1 ha and under 0.2 ha	56								37	75
0.2 ha and under 0.5 ha	711	1.6	19	0.0	112	56	1.5	1,217	693	562
0.5 ha and under 1 ha	374	2.1	37	1.0	524	37	1.1	431	449	168
1 ha and under 2 ha	243	1.9	19	0.0	37	19	1.9	842	374	94
2 ha and under 3 ha	19									37
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,404	5.6	75	1.1	674	112	4.5	2,490	1,554	936

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7d. Plantation features and ages of lime by total area of holding

Total area of holding	Lime									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,816	1.9	56	1.9	899			2,527	768	
under 0.1 ha	37							19	56	
0.1 ha and under 0.2 ha	94							94	19	
0.2 ha and under 0.5 ha	768							1,067	300	
0.5 ha and under 1 ha	674	1.9	37	1.9	824			992	318	
1 ha and under 2 ha	243	0.0	19	0.0	75			356	75	
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,816	1.9	56	1.9	899			2,527	768	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7e. Plantation features and ages of sweet orange by total area of holding

Total area of holding	Sweet orange									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	187	0.1				19	0.1	56	150	150
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	131	0.1				19	0.1	56	131	37
0.5 ha and under 1 ha	56								19	112
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	187	0.1				19	0.1	56	150	150

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7f. Plantation features and ages of other citrus fruits by total area of holding

Total area of holding	Other citrus fruits									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	374	10.9	56	2.0	562	94	8.9	2,378	524	75
under 0.1 ha	19								19	
0.1 ha and under 0.2 ha	19								19	
0.2 ha and under 0.5 ha	131	2.0	56	2.0	562				225	75
0.5 ha and under 1 ha	112	4.4				56	4.4	1,273	75	
1 ha and under 2 ha	75	4.5				37	4.5	1,105	150	
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha	19								37	
10 ha and over										
Total	374	10.9	56	2.0	562	94	8.9	2,378	524	75

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7g. Plantation features and ages of mango by total area of holding

Total area of holding	Mango									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	805	1.6	168	1.5	618	37	0.1	150	618	468
under 0.1 ha	19								37	
0.1 ha and under 0.2 ha	75	0.1	37	0.1	75				56	19
0.2 ha and under 0.5 ha	356	0.3	94	0.3	374	19	0.0	75	262	168
0.5 ha and under 1 ha	225	1.0	19	1.0	131	19	0.1	75	112	187
1 ha and under 2 ha	131	0.1	19	0.1	37				150	94
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	805	1.6	168	1.5	618	37	0.1	150	618	468

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7h. Plantation features and ages of banana by total area of holding

Total area of holding	Banana									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	3,183	15.2	468	10.0	9,099	318	5.2	6,141	8,743	8,855
under 0.1 ha	75								206	94
0.1 ha and under 0.2 ha	187	0.2	19	0.1	131	19	0.1	225	318	300
0.2 ha and under 0.5 ha	1,292	3.8	112	3.5	1,891	75	0.3	899	3,894	5,336
0.5 ha and under 1 ha	1,142	7.0	243	4.6	5,542	131	2.4	1,928	2,939	2,434
1 ha and under 2 ha	487	4.2	94	1.8	1,535	94	2.4	3,089	1,385	693
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	3,183	15.2	468	10.0	9,099	318	5.2	6,141	8,743	8,855

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7i. Plantation features and ages of guava by total area of holding

Total area of holding	Guava									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,666	0.1	19	0.1	75			2,696	524	
under 0.1 ha	75							75		
0.1 ha and under 0.2 ha	37							75		
0.2 ha and under 0.5 ha	768							1,048	243	
0.5 ha and under 1 ha	505							1,030	131	
1 ha and under 2 ha	262	0.1	19	0.1	75			374	150	
2 ha and under 3 ha	19							94		
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,666	0.1	19	0.1	75			2,696	524	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7j. Plantation features and ages of jackfruit by total area of holding

Total area of holding	Jackfruit									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	94							94		
under 0.1 ha										
0.1 ha and under 0.2 ha	19							19		
0.2 ha and under 0.5 ha	56							56		
0.5 ha and under 1 ha										
1 ha and under 2 ha	19							19		
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	94							94		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7k. Plantation features and ages of pineapple by total area of holding

Total area of holding	Pineapple					
	Total holdings reporting	Compact plantation area (ha)	Compact plantation			
			Productive age		Non-productive age	
			No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land						
Holding with land	75	2.0	56	0.8	37	1.3
under 0.1 ha						
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha	37	0.8	19	0.1	19	0.8
0.5 ha and under 1 ha	37	1.2	37	0.7	19	0.5
1 ha and under 2 ha						
2 ha and under 3 ha						
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	75	2.0	56	0.8	37	1.3

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7I. Plantation features and ages of lychee by total area of holding

Total area of holding	Lychee									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	150							262	37	
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	56							37	37	
0.5 ha and under 1 ha	37							37		
1 ha and under 2 ha	56							187		
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	150							262	37	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7m. Plantation features and ages of apple by total area of holding

Total area of holding	Apple									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land										
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha										
0.5 ha and under 1 ha										
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total										

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7n. Plantation features and ages of pear by total area of holding

Total area of holding	Pear									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	842	0.1	19	0.1	19	19	0.0	94	1,198	75
under 0.1 ha										
0.1 ha and under 0.2 ha	75								112	
0.2 ha and under 0.5 ha	449	0.1	19	0.1	19	19	0.0	94	599	75
0.5 ha and under 1 ha	187								243	
1 ha and under 2 ha	131								243	
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	842	0.1	19	0.1	19	19	0.0	94	1,198	75

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7o. Plantation features and ages of peach by total area of holding

Total area of holding	Peach									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,011	0.0	19	0.0	56			1,404	374	
under 0.1 ha										
0.1 ha and under 0.2 ha	75	0.0	19	0.0	56			75		
0.2 ha and under 0.5 ha	449							618	168	
0.5 ha and under 1 ha	412							580	150	
1 ha and under 2 ha	75							131	56	
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,011	0.0	19	0.0	56			1,404	374	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7p. Plantation features and ages of papaya by total area of holding

Total area of holding	Papaya									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	524	1.9	112	0.4	637	37	1.5	318	974	75
under 0.1 ha	19									19
0.1 ha and under 0.2 ha	75	0.1	19	0.1	19				94	19
0.2 ha and under 0.5 ha	243	0.1	56	0.1	318				300	37
0.5 ha and under 1 ha	131	1.5				37	1.5	318	337	
1 ha and under 2 ha	56	0.2	37	0.2	300				243	
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	524	1.9	112	0.4	637	37	1.5	318	974	75

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7q. Plantation features and ages of pomegranate by total area of holding

Total area of holding	Pomegranate									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	19							19		
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha										
0.5 ha and under 1 ha	19							19		
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	19							19		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7r. Plantation features and ages of coconut by total area of holding

Total area of holding	Coconut									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land										
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha										
0.5 ha and under 1 ha										
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total										

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7s. Plantation features and ages of walnut by total area of holding

Total area of holding	Walnut									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land										
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha										
0.5 ha and under 1 ha										
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total										

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7t. Plantation features and ages of beetle nut by total area of holding

Total area of holding	Betel Nut									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land										
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha										
0.5 ha and under 1 ha										
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total										

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7u. Plantation features and ages of other fruits by total area of holding

Total area of holding	Other fruits									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	281	3.3				37	3.3	337	505	318
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	150	0.2				19	0.2	281	356	37
0.5 ha and under 1 ha	94	3.0				19	3.0	56	131	225
1 ha and under 2 ha	37								19	56
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	281	3.3				37	3.3	337	505	318

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7v. Plantation features and ages of tea by total area of holding

Total area of holding	Tea					
	Total holdings reporting	Compact plantation area (ha)	Compact plantation			
			Productive age		Non-productive age	
			No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land						
Holding with land						
under 0.1 ha						
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha						
0.5 ha and under 1 ha						
1 ha and under 2 ha						
2 ha and under 3 ha						
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total						

Note: Registered firms are not included.

Area is not shown for those holdings reporting scattered plants only.

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7w. Plantation features and ages of coffee by total area of holding

Total area of holding	Coffee									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	543	0.7	19	0.5	243	19	0.2	3,744	6,365	487
under 0.1 ha	19								37	
0.1 ha and under 0.2 ha	19									75
0.2 ha and under 0.5 ha	225								1,666	168
0.5 ha and under 1 ha	150	0.5	19	0.5	243				2,378	225
1 ha and under 2 ha	94	0.2				19	0.2	3,744	2,059	
2 ha and under 3 ha	37								225	19
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	543	0.7	19	0.5	243	19	0.2	3,744	6,365	487

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7x. Plantation features and ages of black cardamom by total area of holding

Total area of holding	Black Cardamom					
	Total holdings reporting	Compact plantation area (ha)	Compact plantation area (ha)			
			Productive age		Non-productive age	
			No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land						
Holding with land	19	2.9	19	2.9		
under 0.1 ha						
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha						
0.5 ha and under 1 ha						
1 ha and under 2 ha	19	2.9	19	2.9		
2 ha and under 3 ha						
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	19	2.9	19	2.9		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7y. Plantation features and ages of amriso, thatch and bamboo by total area of holding

Total area of holding	Broom-Grass (Amriso)		Thatch		Bamboo	
	Number of holdings	Area (ha)	Number of holdings	Area (ha)	Number of holdings	Area (ha)
Holding without land						
Holding with land	37	1.9	9,342	1,398.6	187	7.0
Under 0.1 ha			94	1.4		
0.1 ha and under 0.2 ha			749	24.3	19	0.1
0.2 ha and under 0.5 ha	19	1.0	3,988	350.0	94	2.1
0.5 ha and under 1 ha	19	1.0	3,258	618.0	56	2.9
1 ha and under 2 ha			1,067	318.2	19	1.9
2 ha and under 3 ha			168	83.9		
3 ha and under 4 ha			19	2.9		
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	37	1.9	9,342	1,398.6	187	7.0

Note: Area is not shown for those holdings reporting scattered clumps of bamboo only

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 7z. Plantation features and ages of fodder tree and multi-year grass crops by total area of holding

Total area of holding	Fodder Tree			Multi-year grass crops		
	Number of holdings	Compact plantation		Number of scattered trees	Number of holdings	Area (ha)
		Area (ha)	Number of Trees			
Holding without land						
Holding with land	5,841	31.8	5,710	73,370	56	4.3
Under 0.1 ha	187			1,161		
0.1 ha and under 0.2 ha	412	0.1	187	2,565		
0.2 ha and under 0.5 ha	2,602	4.4	1,292	29,412		
0.5 ha and under 1 ha	1,853	14.0	1,722	26,753	56	4.3
1 ha and under 2 ha	711	8.6	1,573	12,225		
2 ha and under 3 ha	75	4.8	936	1,254		
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	5,841	31.8	5,710	73,370	56	4.3

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding

Total area of holding	Total		Paddy												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizers and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both		
Holding without land	487	13.6													
Holding with land	28,157	12,585.3	20,912	18,946	1,853	112	337	10,540	580	8,275	2,097	56	1,142	2,610.5	1,784
under 0.1 ha	1,984	104.9	412	356	56			206		187	19		19	8.9	11
0.1 ha and under 0.2 ha	4,624	637.3	2,846	2,640	206		56	1,329	56	1,292	206	19	131	125.5	99
0.2 ha and under 0.5 ha	12,412	4,061.8	9,941	9,099	786	56	112	5,298	243	3,669	1,011	19	505	790.9	646
0.5 ha and under 1 ha	6,908	4,592.8	5,804	5,205	580	19	94	2,808	225	2,378	580		281	999.8	577
1 ha and under 2 ha	1,947	2,486.9	1,685	1,479	187	19	56	786	37	693	262	19	168	563.9	386
2 ha and under 3 ha	243	541.1	206	150	37	19	19	94	19	56	19		37	121.6	65
3 ha and under 4 ha	19	62.4													
4 ha and under 5 ha															
5 ha and under 10 ha	19	98.1	19	19				19							
10 ha and over															
Total	28,644	12,598.9	20,912	18,946	1,853	112	337	10,540	580	8,275	2,097	56	1,142	2,610.5	1,784

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 1)

Total area of holding	Total		Maize												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both		
Holding without land	487	13.6	37	37							37				
Holding with land	28,157	12,585.3	26,809	21,062	5,598	150	356	6,365	112	7,451	13,723	206	7,901	2,344.5	1,543
under 0.1 ha	1,984	104.9	1,479	1,198	281			112		206	899	19	412	23.5	46
0.1 ha and under 0.2 ha	4,624	637.3	4,418	3,314	1,105		37	655	19	1,404	1,966	19	1,516	211.0	174
0.2 ha and under 0.5 ha	12,412	4,061.8	11,851	9,511	2,265	75	94	2,677	19	3,501	6,234	112	3,220	855.8	622
0.5 ha and under 1 ha	6,908	4,592.8	6,833	5,223	1,535	75	131	2,041	75	1,853	3,426	37	2,134	800.6	478
1 ha and under 2 ha	1,947	2,486.9	1,947	1,535	412		94	749		449	1,048	19	580	383.8	185
2 ha and under 3 ha	243	541.1	243	243				112		37	131		37	69.9	38
3 ha and under 4 ha	19	62.4	19	19							19				
4 ha and under 5 ha															
5 ha and under 10 ha	19	98.1	19	19				19							
10 ha and over															
Total	28,644	12,598.9	26,847	21,099	5,598	150	356	6,365	112	7,451	13,760	206	7,901	2,344.5	1,543

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 2)

Total area of holding	Total		Wheat												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area Treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using			No. of holdings using			
				Local seeds	Improved seeds	Hybrid seeds	Local fertilizers		Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	487	13.6													
Holding with land	28,157	12,585.3	11,570	5,242	6,328	318	3,127	431	6,833	1,105	112	1,329	1,026.3	1,106	
under 0.1 ha	1,984	104.9	281	131	150	19	56		150	37	19	19	6.8	9	
0.1 ha and under 0.2 ha	4,624	637.3	1,535	786	749	112	262	75	1,086	187		168	58.0	75	
0.2 ha and under 0.5 ha	12,412	4,061.8	5,130	2,527	2,602	94	1,442	187	2,958	505	56	468	374.0	541	
0.5 ha and under 1 ha	6,908	4,592.8	3,557	1,329	2,228	75	992	150	2,116	300	19	487	413.0	318	
1 ha and under 2 ha	1,947	2,486.9	917	393	524	19	337	19	431	75	19	150	145.5	145	
2 ha and under 3 ha	243	541.1	150	75	75		37		94			37	29.0	19	
3 ha and under 4 ha	19	62.4													
4 ha and under 5 ha															
5 ha and under 10 ha	19	98.1													
10 ha and over															
Total	28,644	12,598.9	11,570	5,242	6,328	318	3,127	431	6,833	1,105	112	1,329	1,026.3	1,106	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 3)

Total area of holding	Total		Potato												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using				
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both	Area (ha)	Quantity (Qtl.)
Holding without land	487	13.6													
Holding with land	28,157	12,585.3	12,824	6,571	6,253	1,142	2,846	94	3,969	4,755	94	2,059	185.0	450	
under 0.1 ha	1,984	104.9	543	300	243		112		56	262		112	1.6	5	
0.1 ha and under 0.2 ha	4,624	637.3	1,629	955	674	300	431		562	487		225	16.7	121	
0.2 ha and under 0.5 ha	12,412	4,061.8	5,691	3,145	2,546	487	1,292	37	2,003	1,984	37	880	77.7	196	
0.5 ha and under 1 ha	6,908	4,592.8	3,838	1,516	2,321	318	637	56	1,086	1,573	37	655	61.6	87	
1 ha and under 2 ha	1,947	2,486.9	992	599	393	37	300		225	374	19	187	26.8	27	
2 ha and under 3 ha	243	541.1	112	56	56		56		37	56			0.7	14	
3 ha and under 4 ha	19	62.4													
4 ha and under 5 ha															
5 ha and under 10 ha	19	98.1	19		19		19			19					
10 ha and over															
Total	28,644	12,598.9	12,824	6,571	6,253	1,142	2,846	94	3,969	4,755	94	2,059	185.0	450	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 4)

Total area of holding	Total		Sugarcane												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with chemical/mineral fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using				
				Local seeds	Improved seeds	Hybrid seeds		No. of holdings using	Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)
Holding without land	487	13.6													
Holding with land	28,157	12,585.3	37	37			19				19				
under 0.1 ha	1,984	104.9													
0.1 ha and under 0.2 ha	4,624	637.3													
0.2 ha and under 0.5 ha	12,412	4,061.8	19	19							19				
0.5 ha and under 1 ha	6,908	4,592.8	19	19			19								
1 ha and under 2 ha	1,947	2,486.9													
2 ha and under 3 ha	243	541.1													
3 ha and under 4 ha	19	62.4													
4 ha and under 5 ha															
5 ha and under 10 ha	19	98.1													
10 ha and over															
Total	28,644	12,598.9	37	37			19				19				

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 5)

Total area of holding	Total		Vegetables												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with chemical/ mineral fertilizer and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using						
				Local seeds	Improved seeds	Hybrid seeds	No. of holdings using		Local fertilizers	Mineral/ chemical fertilizers	Both	Local fertilizers	Mineral/ chemical fertilizers	Both	Area (ha)
Holding without land	487	13.6	94	56	37						94				
Holding with land	28,157	12,585.3	16,194	8,762	7,170	262	880	3,201	37	2,041	10,447	131	1,891	132.9	270
under 0.1 ha	1,984	104.9	1,142	768	337	37	19	225			805	37	94	3.0	10
0.1 ha and under 0.2 ha	4,624	637.3	2,359	1,348	974	37	243	431		412	1,273	37	412	18.5	47
0.2 ha and under 0.5 ha	12,412	4,061.8	7,339	4,081	3,127	131	337	1,479		917	4,680	56	880	57.0	131
0.5 ha and under 1 ha	6,908	4,592.8	4,231	1,891	2,284	56	225	768	37	618	2,883		374	44.4	68
1 ha and under 2 ha	1,947	2,486.9	936	580	356		37	262		75	655		131	9.8	14
2 ha and under 3 ha	243	541.1	150	75	75			19		19	131			0.2	1
3 ha and under 4 ha	19	62.4	19	19							19				
4 ha and under 5 ha															
5 ha and under 10 ha	19	98.1	19		19		19	19							
10 ha and over															
Total	28,644	12,598.9	16,288	8,818	7,208	262	880	3,201	37	2,041	10,540	131	1,891	132.9	270

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 6)

Total area of holding	Total		Other crops												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)
				Local seeds	Improved seeds	Hybrid seeds	Local fertilizers		Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both		
Holding without land	487	13.6	75	75							75				
Holding with land	28,157	12,585.3	26,154	24,975	1,142	37	524	7,507		749	20,294	94	3,164	465.4	227
under 0.1 ha	1,984	104.9	1,666	1,591	75			187			1,442		112	5.6	7
0.1 ha and under 0.2 ha	4,624	637.3	4,137	3,950	187		112	1,086		168	3,108	19	543	53.8	25
0.2 ha and under 0.5 ha	12,412	4,061.8	11,458	11,027	412	19	225	3,389		243	9,174	37	1,086	115.9	83
0.5 ha and under 1 ha	6,908	4,592.8	6,721	6,290	412	19	150	2,303		262	5,167	19	842	147.6	63
1 ha and under 2 ha	1,947	2,486.9	1,891	1,872	19		37	449		75	1,198	19	543	127.3	44
2 ha and under 3 ha	243	541.1	243	225	19			75			187		37	15.2	5
3 ha and under 4 ha	19	62.4	19	19							19				
4 ha and under 5 ha															
5 ha and under 10 ha	19	98.1	19		19			19							
10 ha and over															
Total	28,644	12,598.9	26,229	25,049	1,142	37	524	7,507		749	20,369	94	3,164	465.4	227

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9. Number of holdings reporting different type of livestock by area of holding

Total area of holding	Livestock											
	Total		Cattle		Yak/Nak/Chauri		Buffalo		Goat		Sheep	
	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads
Holding without land	363	1,203	107	175			235	361	172	616		
Holding with land	25,471	119,798	13,636	21,836			22,439	38,766	16,827	56,461	245	1,491
Under 0.1 ha	1,324	2,872	267	315			885	1,166	575	1,392		
0.1 ha and under 0.2 ha	3,864	14,245	1,373	1,942			3,144	4,696	2,261	6,362	123	1,118
0.2 ha and under 0.5 ha	11,647	51,019	6,257	9,168			10,605	17,503	7,378	23,459		
0.5 ha and under 1 ha	6,513	36,622	4,421	7,926			5,836	10,804	4,772	17,316	123	373
1 ha and under 2 ha	1,869	13,209	1,159	2,170			1,734	4,056	1,648	6,958		
2 ha and under 3 ha	236	1,550	160	315			217	460	172	775		
3 ha and under 4 ha	18	281					18	82	19	199		
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	25,834	121,001	13,743	22,011			22,674	39,127	16,999	57,077	245	1,491

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9. Number of holdings reporting different type of livestock by area of holding (Continued)

Total area of holding	Livestock									
	Pig		Horse		Mules and Asses		Rabbit		Other	
	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads
Holding without land	22	51								
Holding with land	467	1,244								
Under 0.1 ha										
0.1 ha and under 0.2 ha	44	127								
0.2 ha and under 0.5 ha	245	889								
0.5 ha and under 1 ha	156	203								
1 ha and under 2 ha	22	25								
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	489	1,295								

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9a. Number of holdings reporting livestock according to age, sex and breed by total area of holding

Total area of holding	Cattle												
	All ages				Under one year								
	No. of holdings	Number of heads			Number of heads			Number of heads			Number of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	107	175	157	17									
Holding with land	13,636	21,836	21,399	437	1,067	962	105	455	402	52	612	560	52
under 0.1 ha	267	315	315		17	17					17	17	
0.1 ha and under 0.2 ha	1,373	1,942	1,750	192	227	175	52	70	52	17	157	122	35
0.2 ha and under 0.5 ha	6,257	9,168	9,081	87	402	385	17	192	175	17	210	210	
0.5 ha and under 1 ha	4,421	7,926	7,786	140	332	315	17	157	157		175	157	17
1 ha and under 2 ha	1,159	2,170	2,152	17	87	70	17	35	17	17	52	52	
2 ha and under 3 ha	160	315	315										
3 ha and under 4 ha													
4 ha and under 5 ha													
5 ha and under 10 ha													
10 ha and over													
Total	13,743	22,011	21,556	455	1,067	962	105	455	402	52	612	560	52

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9a. Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)

Total area of holding	Cattle								
	One to three years								
	Total			Male			Female		
	Number of heads			Number of heads			Number of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	35	35					35	35	
Holding with land	1,575	1,470	105	595	577	17	980	892	87
under 0.1 ha									
0.1 ha and under 0.2 ha	157	122	35	17	17		140	105	35
0.2 ha and under 0.5 ha	612	577	35	262	262		350	315	35
0.5 ha and under 1 ha	735	700	35	315	297	17	420	402	17
1 ha and under 2 ha	70	70					70	70	
2 ha and under 3 ha									
3 ha and under 4 ha									
4 ha and under 5 ha									
5 ha and under 10 ha									
10 ha and over									
Total	1,610	1,505	105	595	577	17	1,015	927	87

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9a. Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)

Total area of holding	Cattle											
	Three years and over											
	Total			Male			Female					
	Number of heads			Number of heads			Cows			Cows in milk		
	Total	Local	Improved	Total	Local	Improved	Number of heads			Number of heads		
						Total	Local	Improved	Total	Local	Improved	
Holding without land	140	122	17	70	70		35	35		35	17	17
Holding with land	19,194	18,967	227	15,187	15,170	17	2,030	1,890	140	1,977	1,907	70
Under 0.1 ha	297	297		140	140		52	52		105	105	
0.1 ha and Under 0.2 ha	1,557	1,452	105	927	927		315	227	87	315	297	17
0.2 ha and Under 0.5 ha	8,154	8,119	35	6,666	6,666		805	787	17	682	665	17
0.5 ha and Under 1 ha	6,859	6,771	87	5,389	5,372	17	752	717	35	717	682	35
1 ha and Under 2 ha	2,012	2,012		1,750	1,750		105	105		157	157	
2 ha and Under 3 ha	315	315		315	315							
3 ha and Under 4 ha												
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total	19,334	19,089	245	15,257	15,240	17	2,065	1,925	140	2,012	1,925	87

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9b. Number of holdings reporting livestock according to age, sex and breed by total area of holding

Total area of holding	Yak/Nak/Chauri												
	All ages		Under one year			One to three year			Three years and over				
			Total	Male	Female	Total	Male	Female	Total	Male	Female		
	No. of holdings	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	Nak/Chauri	Nak/Chauri
No. of heads												No. of heads	
Holding without land													
Holding with land													
under 0.1 ha													
0.1 ha and under 0.2 ha													
0.2 ha and under 0.5 ha													
0.5 ha and under 1 ha													
1 ha and under 2 ha													
2 ha and under 3 ha													
3 ha and under 4 ha													
4 ha and under 5 ha													
5 ha and under 10 ha													
10 ha and over													
Total													

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9c. Number of holdings reporting livestock according to age, sex and breed by total area of holding

Total area of holding	Buffalo												
	All ages				Under one year								
	No. of holdings	Number of heads			Number of heads			Male			Female		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	235	361	361		66	66		16	16		49	49	
Holding with land	22,439	38,766	38,405	361	6,847	6,814	33	1,921	1,921		4,926	4,893	33
under 0.1 ha	885	1,166	1,149	16	181	181		66	66		115	115	
0.1 ha and under 0.2 ha	3,144	4,696	4,663	33	722	722		164	164		558	558	
0.2 ha and under 0.5 ha	10,605	17,503	17,273	230	3,382	3,366	16	887	887		2,496	2,479	16
0.5 ha and under 1 ha	5,836	10,804	10,722	82	1,839	1,823	16	542	542		1,297	1,281	16
1 ha and under 2 ha	1,734	4,056	4,056		657	657		263	263		394	394	
2 ha and under 3 ha	217	460	460		49	49					49	49	
3 ha and under 4 ha	18	82	82		16	16					16	16	
4 ha and under 5 ha													
5 ha and under 10 ha													
10 ha and over													
Total	22,674	39,127	38,766	361	6,912	6,880	33	1,937	1,937		4,975	4,942	33

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9c. Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)

Total area of holding	Buffalo								
	One to three years								
	Total			Male			Female		
	Number of heads			Number of heads			Number of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	99	99		16	16		82	82	
Holding with land	6,009	5,944	66	1,199	1,182	16	4,811	4,762	49
under 0.1 ha	246	246					246	246	
0.1 ha and under 0.2 ha	1,002	1,002		213	213		788	788	
0.2 ha and under 0.5 ha	2,578	2,529	49	558	542	16	2,020	1,987	33
0.5 ha and under 1 ha	1,511	1,494	16	279	279		1,231	1,215	16
1 ha and under 2 ha	608	608		148	148		460	460	
2 ha and under 3 ha	33	33					33	33	
3 ha and under 4 ha	33	33					33	33	
4 ha and under 5 ha									
5 ha and under 10 ha									
10 ha and over									
Total	6,108	6,042	66	1,215	1,199	16	4,893	4,844	49

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9c. Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)

Total area of holding	Buffalo											
	Three years and over											
	Total			Male			Female					
	Number of heads			Number of heads			Buffalo			Buffalo in milk		
	Total	Local	Improved	Total	Local	Improved	Number of head			Number of head		
						Total	Local	Improved	Total	Local	Improved	
Holding without land	197	197		16	16		164	164		16	16	
Holding with land	25,910	25,647	263	805	788	16	17,979	17,749	230	7,126	7,110	16
Under 0.1 ha	739	722	16	16	16		493	476	16	230	230	
0.1 ha and Under 0.2 ha	2,972	2,939	33	49	49		1,937	1,905	33	985	985	
0.2 ha and Under 0.5 ha	11,543	11,379	164	476	460	16	8,177	8,045	131	2,890	2,873	16
0.5 ha and Under 1 ha	7,454	7,405	49	197	197		5,156	5,106	49	2,102	2,102	
1 ha and Under 2 ha	2,791	2,791		49	49		1,954	1,954		788	788	
2 ha and Under 3 ha	378	378					246	246		131	131	
3 ha and Under 4 ha	33	33		16	16		16	16				
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total	26,107	25,844	263	821	805	16	18,143	17,913	230	7,142	7,126	16

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9d. Number of holdings reporting livestock according to age, sex and breed by total area of holding

Total area of holding	Goat												
	All ages				Under six months								
	No. of holdings	No. of heads			No. of heads			Male			Female		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	172	616	497	119	258	179	80	119	80	40	139	99	40
Holding with land	16,827	56,461	54,493	1,968	23,260	22,405	855	11,014	10,735	278	12,246	11,670	577
Under 0.1 ha	575	1,392	1,392		378	378		99	99		278	278	
0.1 ha and Under 0.2 ha	2,261	6,362	6,242	119	2,624	2,565	60	1,133	1,133		1,491	1,431	60
0.2 ha and Under 0.5 ha	7,378	23,459	22,346	1,113	9,920	9,483	437	4,891	4,732	159	5,030	4,751	278
0.5 ha and Under 1 ha	4,772	17,316	17,018	298	6,640	6,541	99	3,241	3,221	20	3,400	3,320	80
1 ha and Under 2 ha	1,648	6,958	6,720	239	3,181	3,042	139	1,332	1,312	20	1,849	1,730	119
2 ha and Under 3 ha	172	775	577	199	398	278	119	239	159	80	159	119	40
3 ha and Under 4 ha	19	199	199		119	119		80	80		40	40	
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	16,999	57,077	54,990	2,087	23,519	22,584	934	11,133	10,815	318	12,386	11,769	616

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9d. Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)

Total area of holding	Goat								
	Six months and over								
	Total			Male			Female		
	No. of heads			No. of heads			No. of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	358	318	40	80	80		278	239	40
Holding with land	33,200	32,087	1,113	5,010	4,672	338	28,191	27,415	775
Under 0.1 ha	1,014	1,014		258	258		755	755	
0.1 ha and Under 0.2 ha	3,738	3,678	60	437	437		3,300	3,241	60
0.2 ha and Under 0.5 ha	13,539	12,863	676	1,670	1,491	179	11,869	11,372	497
0.5 ha and Under 1 ha	10,676	10,477	199	1,809	1,730	80	8,867	8,747	119
1 ha and Under 2 ha	3,777	3,678	99	736	676	60	3,042	3,002	40
2 ha and Under 3 ha	378	298	80	80	60	20	298	239	60
3 ha and Under 4 ha	80	80		20	20		60	60	
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	33,558	32,405	1,153	5,089	4,751	338	28,469	27,654	815

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9e. Number of holdings reporting livestock according to age, sex and breed by total area of holding

Total area of holding	Sheep												
	All ages			Under six months									
	No. of holdings	No. of heads			No. of heads			No. of heads			No. of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land													
Holding with land	245	1,491	1,491		1,118	1,118		373	373		746	746	
Under 0.1 ha													
0.1 ha and Under 0.2 ha	123	1,118	1,118		746	746					746	746	
0.2 ha and Under 0.5 ha													
0.5 ha and Under 1 ha	123	373	373		373	373		373	373				
1 ha and Under 2 ha													
2 ha and Under 3 ha													
3 ha and Under 4 ha													
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	245	1,491	1,491		1,118	1,118		373	373		746	746	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9e. Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)

Total area of holding	Sheep								
	Six months and over								
	Total			Male			Female		
	No. of heads			No. of heads			No. of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land									
Holding with land	373	373				373	373		
Under 0.1 ha									
0.1 ha and Under 0.2 ha	373	373				373	373		
0.2 ha and Under 0.5 ha									
0.5 ha and Under 1 ha									
1 ha and Under 2 ha									
2 ha and Under 3 ha									
3 ha and Under 4 ha									
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	373	373				373	373		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 9f. Number of holdings reporting livestock according to age, sex and breed by total area of holding

Total area of holding	Pig									
	No. of holdings	Total			Under six months			Six months and over		
		Number of heads			Number of heads			Number of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	22	51	51				51	51		
Holding with land	467	1,244	1,219	25	813	787	25	432	432	
Under 0.1 ha										
0.1 ha and Under 0.2 ha	44	127	127		76	76		51	51	
0.2 ha and Under 0.5 ha	245	889	863	25	609	584	25	279	279	
0.5 ha and Under 1 ha	156	203	203		102	102		102	102	
1 ha and Under 2 ha	22	25	25		25	25				
2 ha and Under 3 ha										
3 ha and Under 4 ha										
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	489	1,295	1,270	25	813	787	25	482	482	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 10. Number of holdings reporting different type of birds by area of holding

Total area of holding	Poultry (Chicken)												
	Total		Local						Improved				
	No. of holdings	Number of birds	No. of holdings	Number of birds					No. of holdings	Number of birds			
				Total	Chicks	Cocks	Hens			Total	Broiler	Layers	Giriraj
Laying eggs	Not laying eggs												
Holding without land	243	124,761	150	2,097	599	524	487	487	131	122,664	16,101	106,301	262
Holding with land	12,749	158,160	12,150	85,090	48,021	8,724	15,745	12,600	974	73,070	65,619	300	7,152
Under 0.1 ha	580	12,300	524	2,752	1,236	300	674	543	56	9,548	9,548		
0.1 ha and Under 0.2 ha	2,078	13,255	2,003	12,749	7,320	1,067	2,527	1,835	94	505	225	94	187
0.2 ha and Under 0.5 ha	5,841	48,302	5,598	37,855	21,642	3,726	6,496	5,991	393	10,447	8,013		2,434
0.5 ha and Under 1 ha	3,295	50,230	3,164	23,833	13,311	2,565	4,624	3,332	281	26,397	22,466	131	3,800
1 ha and Under 2 ha	824	31,845	730	5,673	3,389	655	1,142	487	150	26,173	25,368	75	730
2 ha and Under 3 ha	131	2,228	131	2,228	1,123	412	281	412					
3 ha and Under 4 ha													
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	12,993	282,920	12,300	87,186	48,620	9,248	16,232	13,086	1,105	195,734	81,720	106,601	7,414

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 11. Number of holdings reporting different type of birds by area of holding

Total area of holding	Other birds					
	Duck		Pigeon		Others	
	No. of holdings	No. of birds	No. of holdings	No. of birds	No. of holdings	No. of birds
Holding without land	37	412				
Holding with land	206	524	637	2,733	19	37
Under 0.1 ha	19	19	75	936		
0.1 ha and Under 0.2 ha	37	187	56	187		
0.2 ha and Under 0.5 ha	112	206	262	842	19	37
0.5 ha and Under 1 ha	19	75	150	449		
1 ha and Under 2 ha	19	37	94	318		
2 ha and Under 3 ha						
3 ha and Under 4 ha						
4 ha and Under 5 ha						
5 ha and Under 10 ha						
10 ha and over						
Total	243	936	637	2,733	19	37

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 12. Number, area of holdings, number of holdings reporting use of implements and other facilities by total area of holding

Total area of holding	Total		No. of holdings reporting the use of										
	No. of holdings	Area (ha)	Iron ploughs	Power tillers	Shallow tube well	Deep tube well	Rower pump/Dhiki	Tractor	Thresher	Pumping set/ Motor	Animal drawn cart	Sprayer	Other equipments
Holding without land	487	13.6					19						37
Holding with land	28,157	12,585.3	2,527	37								562	1,273
Under 0.1 ha	1,984	104.9	56										75
0.1 ha and Under 0.2 ha	4,624	637.3	412									75	262
0.2 ha and Under 0.5 ha	12,412	4,061.8	1,198	37								243	449
0.5 ha and Under 1 ha	6,908	4,592.8	580									187	300
1 ha and Under 2 ha	1,947	2,486.9	262									56	168
2 ha and Under 3 ha	243	541.1	19										19
3 ha and Under 4 ha	19	62.4											
4 ha and Under 5 ha													
5 ha and Under 10 ha	19	98.1											
10 ha and over													
Total	28,644	12,598.9	2,527	37			19					562	1,311

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 13. Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding

Total area of holding	Total		Number by source (On the day of enumeration)											
	No. of holdings	Area (ha)	Iron ploughs						No. of holdings	Power tillers				
			No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/Others		Total	Owned solely	Owned Jointly	Land owner's	Rented/Others
Holding without land	487	13.6												
Holding with land	28,157	12,585.3	2,771	2,958	2,434	318		206	37	37	37			
Under 0.1 ha	1,984	104.9	75	75		19		56						
0.1 ha and Under 0.2 ha	4,624	637.3	412	412	337	19		56						
0.2 ha and Under 0.5 ha	12,412	4,061.8	1,404	1,442	1,161	225		56	37	37	37			
0.5 ha and Under 1 ha	6,908	4,592.8	637	693	618	37		37						
1 ha and Under 2 ha	1,947	2,486.9	225	300	281	19								
2 ha and Under 3 ha	243	541.1	19	37	37									
3 ha and Under 4 ha	19	62.4												
4 ha and Under 5 ha														
5 ha and Under 10 ha	19	98.1												
10 ha and over														
Total	28,644	12,598.9	2,771	2,958	2,434	318		206	37	37	37			

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 13. Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)

Total area of holding	Number by source (On the day of enumeration)											
	Shallow tube well						Deep tube well					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land												
Holding with land												
Under 0.1 ha												
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha												
0.5 ha and Under 1 ha												
1 ha and Under 2 ha												
2 ha and Under 3 ha												
3 ha and Under 4 ha												
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total												

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 13. Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)

Total area of holding	Number by source (On the day of enumeration)											
	Rower pump/Dhiki pump						Tractor					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land												
Holding with land												
Under 0.1 ha												
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha												
0.5 ha and Under 1 ha												
1 ha and Under 2 ha												
2 ha and Under 3 ha												
3 ha and Under 4 ha												
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total												

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 13. Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)

Total area of holding	Number by source (On the day of enumeration)												
	Thresher						Pumping set/ Motor						
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	
Holding without land													
Holding with land													
Under 0.1 ha													
0.1 ha and Under 0.2 ha													
0.2 ha and Under 0.5 ha													
0.5 ha and Under 1 ha													
1 ha and Under 2 ha													
2 ha and Under 3 ha													
3 ha and Under 4 ha													
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total													

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 13. Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)

Total area of holding	Number by source (On the day of enumeration)											
	Animal drawn cart						Sprayer					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land												
Holding with land							449	487	356	112		19
Under 0.1 ha												
0.1 ha and Under 0.2 ha							75	75	19	56		
0.2 ha and Under 0.5 ha							187	206	168	19		19
0.5 ha and Under 1 ha							150	168	150	19		
1 ha and Under 2 ha							37	37	19	19		
2 ha and Under 3 ha												
3 ha and Under 4 ha												
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total							449	487	356	112		19

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 13. Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)

Total area of holding	Number by source (On the day of enumeration)					
	Other equipment					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land						
Holding with land	1,067	1,273	1,067		19	187
Under 0.1 ha	75	75	19			56
0.1 ha and Under 0.2 ha	243	243	150			94
0.2 ha and Under 0.5 ha	412	487	431		19	37
0.5 ha and Under 1 ha	187	262	262			
1 ha and Under 2 ha	150	206	206			
2 ha and Under 3 ha						
3 ha and Under 4 ha						
4 ha and Under 5 ha						
5 ha and Under 10 ha						
10 ha and over						
Total	1,067	1,273	1,067		19	187

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 14. Number of holdings, use of non-residential buildings according to source by total area of holding

Total area of holding	For keeping livestock					For keeping poultry				
	No. of holdings reporting the use	Number by source				No. of holdings reporting the use	Number by source			
		Total	Owned	Rented	Others		Total	Owned	Rented	Others
Holding without land	150	187	131	37	19	94	168	150	19	
Holding with land	23,102	26,641	26,435	112	94	1,891	1,928	1,928		
Under 0.1 ha	842	861	861			56	56	56		
0.1 ha and Under 0.2 ha	3,239	3,688	3,595	75	19	168	168	168		
0.2 ha and Under 0.5 ha	10,859	12,394	12,338		56	955	955	955		
0.5 ha and Under 1 ha	6,159	7,189	7,133	37	19	580	599	599		
1 ha and Under 2 ha	1,797	2,284	2,284			112	131	131		
2 ha and Under 3 ha	187	206	206			19	19	19		
3 ha and Under 4 ha	19	19	19							
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	23,252	26,828	26,566	150	112	1,984	2,097	2,078	19	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 14. Number of holdings, use of non-residential buildings according to source by total area of holding (Continued)

Total area of holding	For storing agricultural products					For miscellaneous purposes				
	No. of holdings reporting the use	Number by source				No. of holdings reporting the use	Number by source			
		Total	Owned	Rented	Others		Total	Owned	Rented	Others
Holding without land										
Holding with land	150	150	150			150	168	150		19
Under 0.1 ha										
0.1 ha and Under 0.2 ha										
0.2 ha and Under 0.5 ha	37	37	37			56	75	75		
0.5 ha and Under 1 ha	75	75	75			75	75	56		19
1 ha and Under 2 ha	19	19	19							
2 ha and Under 3 ha	19	19	19							
3 ha and Under 4 ha										
4 ha and Under 5 ha										
5 ha and Under 10 ha						19	19	19		
10 ha and over										
Total	150	150	150			150	168	150		19

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 15. Number, area of holdings and number of holdings reporting forest trees by total area of holding

Total area of holding	Total		Forest Trees				
	No. of holdings	Area (ha)	No. of holdings reporting	Compact Plantation			Number of scattered trees
				No. of holdings	Area (ha)	No. of trees	
Holding without land	487	13.6	37				225
Holding with land	28,157	12,585.3	15,670	4,905	702.3	1,352,016	445,704
Under 0.1 ha	1,984	104.9	374				3,969
0.1 ha and Under 0.2 ha	4,624	637.3	1,797	281	8.2	15,539	29,075
0.2 ha and Under 0.5 ha	12,412	4,061.8	7,021	1,535	88.9	137,585	210,487
0.5 ha and Under 1 ha	6,908	4,592.8	4,793	2,003	226.4	481,332	153,742
1 ha and Under 2 ha	1,947	2,486.9	1,479	917	189.3	650,724	46,898
2 ha and Under 3 ha	243	541.1	168	131	49.5	30,329	1,535
3 ha and Under 4 ha	19	62.4	19	19	44.8	8,425	
4 ha and Under 5 ha							
5 ha and Under 10 ha	19	98.1	19	19	95.2	28,082	
10 ha and over							
Total	28,644	12,598.9	15,707	4,905	702.3	1,352,016	445,929

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 15. Number, area of holdings and number of holding reporting use of forest trees by total area of holding (continued)

Total area of holding	Total		No. of holding reporting use of forest trees				
	No. of holdings	Area (ha)	Total holding	For wood production	For herbal plants production	For soil and water conservation	Other
Holding without land	487	13.6	37	37			
Holding with land	28,157	12,585.3	15,670	14,996	131	524	19
Under 0.1 ha	1,984	104.9	374	356	19		
0.1 ha and Under 0.2 ha	4,624	637.3	1,797	1,722	19	56	
0.2 ha and Under 0.5 ha	12,412	4,061.8	7,021	6,740	37	243	
0.5 ha and Under 1 ha	6,908	4,592.8	4,793	4,587	37	150	19
1 ha and Under 2 ha	1,947	2,486.9	1,479	1,423	19	37	
2 ha and Under 3 ha	243	541.1	168	150		19	
3 ha and Under 4 ha	19	62.4	19			19	
4 ha and Under 5 ha							
5 ha and Under 10 ha	19	98.1	19	19			
10 ha and over							
Total	28,644	12,598.9	15,707	15,033	131	524	19

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 16. Number, area of holdings and number of holdings reporting ancillary agriculture activity on holding by total area of holding

Total area of holding	Total		Number of holding reporting ancillary agriculture activity on holding			
	Number of Holdings	Area (ha)	Mushroom farming	Sericulture	Bee-keeping	Fishery
Holding without land	487	13.6			37	
Holding with land	28,157	12,585.3	56		1,348	19
Under 0.1 ha	1,984	104.9	19		94	
0.1 ha and Under 0.2 ha	4,624	637.3			131	
0.2 ha and Under 0.5 ha	12,412	4,061.8	37		505	
0.5 ha and Under 1 ha	6,908	4,592.8			449	
1 ha and Under 2 ha	1,947	2,486.9			150	19
2 ha and Under 3 ha	243	541.1			19	
3 ha and Under 4 ha	19	62.4				
4 ha and Under 5 ha						
5 ha and Under 10 ha	19	98.1				
10 ha and over						
Total	28,644	12,598.9	56		1,385	19

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 16a. Number, area of holdings, number of holdings reporting fishery and number and area of fish pond by total area of holding

Total area of holding	Total		Fishery					
	Number of Holdings	Area (ha)	Number of holding reporting	Pond			Rice field	Other
				No of holdings	No. of pond	Area (ha)	No of holdings	No of holdings
Holding without land	487	13.6						
Holding with land	28,157	12,585.3	19	19	75	1.9		
Under 0.1 ha	1,984	104.9						
0.1 ha and Under 0.2 ha	4,624	637.3						
0.2 ha and Under 0.5 ha	12,412	4,061.8						
0.5 ha and Under 1 ha	6,908	4,592.8						
1 ha and Under 2 ha	1,947	2,486.9	19	19	75	1.9		
2 ha and Under 3 ha	243	541.1						
3 ha and Under 4 ha	19	62.4						
4 ha and Under 5 ha								
5 ha and Under 10 ha	19	98.1						
10 ha and over								
Total	28,644	12,598.9	19	19	75	1.9		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 17. Number, area of holdings and number of holdings reporting agricultural credit by total area of holding

Total area of holding	Total		No. of holdings without agricultural credit	Number of holdings with credit by main source							
	No. of holdings	Area (ha)		Total	Cooperatives	ADB/N	Commercial Bank/financial institution	Farmer's group	Women's group	Relatives	Other
Holding without land	487	13.6	393	94			19			75	
Holding with land	28,157	12,585.3	22,166	5,991	487	337	412	487	543	3,613	112
Under 0.1 ha	1,984	104.9	1,479	505	75	37	19	75	19	243	37
0.1 ha and Under 0.2 ha	4,624	637.3	3,875	749	94	19	37	19	168	412	
0.2 ha and Under 0.5 ha	12,412	4,061.8	9,642	2,771	206	131	150	281	262	1,685	56
0.5 ha and Under 1 ha	6,908	4,592.8	5,392	1,516	112	94	150	94	75	974	19
1 ha and Under 2 ha	1,947	2,486.9	1,516	431		56	56	19	19	281	
2 ha and Under 3 ha	243	541.1	225	19						19	
3 ha and Under 4 ha	19	62.4	19								
4 ha and Under 5 ha											
5 ha and Under 10 ha	19	98.1	19								
10 ha and over											
Total	28,644	12,598.9	22,559	6,085	487	337	431	487	543	3,688	112

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 18. Number, area of holdings, number of holdings reporting need for agricultural loan and purpose of loan by total area of holding

Total Area of Holding	Total		No of holdings reporting need for agricultural loan	Main purpose of agricultural loan					
	Number of holdings	Area (ha)		Agricultural Inputs	Irrigation	Agricultural implements	Livestock/poultry farming	Fishery	Other
Holding without land	487	13.6	112	19			94		
Holding with land	28,157	12,585.3	10,615	1,011	1,442	374	7,114	19	655
Under 0.1 ha	1,984	104.9	674	94	19		505		56
0.1 ha and Under 0.2 ha	4,624	637.3	1,685	94	187	19	1,311	19	56
0.2 ha and Under 0.5 ha	12,412	4,061.8	5,036	505	711	225	3,201		393
0.5 ha and Under 1 ha	6,908	4,592.8	2,565	281	412	112	1,666		94
1 ha and Under 2 ha	1,947	2,486.9	599	37	94	19	393		56
2 ha and Under 3 ha	243	541.1	56		19		37		
3 ha and Under 4 ha	19	62.4							
4 ha and Under 5 ha									
5 ha and Under 10 ha	19	98.1							
10 ha and over									
Total	28,644	12,598.9	10,727	1,030	1,442	374	7,208	19	655

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 19. Number, area of holdings, number of holdings reporting main source of income and sufficiency of income by total area of holding

Total area of holding	Total		Farm population	Average household size	Main source of income in the household		Sufficiency of agriculture produce	
	Number of holdings	Area (ha)			Agriculture	Non-agriculture	Sufficient for household consumption	Insufficient for household consumption
Holding without land	487	13.6	2,134	4.4	131	356	56	431
Holding with land	28,157	12,585.3	129,272	4.6	25,349	2,808	7,507	20,650
Under 0.1 ha	1,984	104.9	7,564	3.8	955	1,030	56	1,928
0.1 ha and Under 0.2 ha	4,624	637.3	18,946	4.1	3,726	899	300	4,325
0.2 ha and Under 0.5 ha	12,412	4,061.8	55,210	4.4	11,776	637	2,995	9,417
0.5 ha and Under 1 ha	6,908	4,592.8	34,223	5.0	6,721	187	2,658	4,250
1 ha and Under 2 ha	1,947	2,486.9	11,645	6.0	1,891	56	1,236	711
2 ha and Under 3 ha	243	541.1	1,629	6.7	243		225	19
3 ha and Under 4 ha	19	62.4	37	2.0	19		19	
4 ha and Under 5 ha								
5 ha and Under 10 ha	19	98.1	19	1.0	19		19	
10 ha and over								
Total	28,644	12,598.9	131,407	4.6	25,480	3,164	7,564	21,080

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 19a. Number of holdings reporting whether agricultural / livestock produce is sufficient, period of insufficiency and income sources for insufficiency by total area of holding

Total area of holding	Total number of holdings	Total number of holdings reporting insufficiency of own produce for household consumption	Period of insufficiency				Income sources for insufficiency						
			1 to 3 Months	4 to 6 Months	7 to 9 Months	10 to 12 Months	Own non-agricultural business	Wage earnings (within the district)	Wage earnings (outside the district)	Wage earnings (outside the country)	Pension	Borrowing	Other
Holding without land	487	431		37	112	281	150	94	19	75	19	56	19
Holding with land	28,157	20,650	1,966	10,765	5,991	1,928	824	9,267	1,273	4,886	2,116	2,041	243
Under 0.1 ha	1,984	1,928	56	300	655	917	262	917	94	412	112	112	19
0.1 ha and Under 0.2 ha	4,624	4,325	94	1,835	1,722	674	131	2,321	94	936	206	543	94
0.2 ha and Under 0.5 ha	12,412	9,417	917	5,392	2,808	300	318	4,119	599	2,228	1,086	955	112
0.5 ha and Under 1 ha	6,908	4,250	730	2,864	618	37	94	1,741	393	1,011	655	356	
1 ha and Under 2 ha	1,947	711	168	356	187		19	168	94	281	56	75	19
2 ha and Under 3 ha	243	19		19						19			
3 ha and Under 4 ha	19												
4 ha and Under 5 ha													
5 ha and Under 10 ha	19												
10 ha and over													
Total	28,644	21,080	1,966	10,802	6,103	2,209	974	9,361	1,292	4,961	2,134	2,097	262

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 20. Number of holdings reporting one way travel time to the nearest agriculture market

Total area of holding	Total		No. of holdings reporting access to nearest agriculture market					
	Number of Holdings	Area (ha)	Nearby household	10 -30 minutes	30 minutes to 1 hour	1 - 2 hours	2 - 3 hours	3 hours and more
Holding without land	487	13.6	150	150	56	75		56
Holding with land	28,157	12,585.3	3,258	3,370	3,651	9,642	4,942	3,295
Under 0.1 ha	1,984	104.9	505	187	262	580	225	225
0.1 ha and Under 0.2 ha	4,624	637.3	543	374	655	1,704	899	449
0.2 ha and Under 0.5 ha	12,412	4,061.8	1,423	1,554	1,647	3,988	2,247	1,554
0.5 ha and Under 1 ha	6,908	4,592.8	599	1,067	842	2,453	1,179	768
1 ha and Under 2 ha	1,947	2,486.9	168	168	225	768	356	262
2 ha and Under 3 ha	243	541.1	19	19	19	131	37	19
3 ha and Under 4 ha	19	62.4						19
4 ha and Under 5 ha								
5 ha and Under 10 ha	19	98.1				19		
10 ha and over								
Total	28,644	12,598.9	3,407	3,520	3,707	9,716	4,942	3,351

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 20a. Number, area of holdings and number of holdings reporting mode of transport to reach the nearest agricultural market by total area of holding

Total area of holding	Total		No. of holdings reporting mode of transport					
	Number of Holdings	Area (ha)	On foot (without load)	Bicycle / rickshaw	Motorcycle / tempo	Car/bus	Mixed (foot+vehicle)	Nearby household
Holding without land	487	13.6	112	19		131	75	150
Holding with land	28,157	12,585.3	11,645	150		4,418	8,687	3,258
Under 0.1 ha	1,984	104.9	449	19		243	768	505
0.1 ha and Under 0.2 ha	4,624	637.3	1,704			543	1,835	543
0.2 ha and Under 0.5 ha	12,412	4,061.8	5,130	112		2,022	3,726	1,423
0.5 ha and Under 1 ha	6,908	4,592.8	3,239			1,198	1,872	599
1 ha and Under 2 ha	1,947	2,486.9	936	19		374	449	168
2 ha and Under 3 ha	243	541.1	150			37	37	19
3 ha and Under 4 ha	19	62.4	19					
4 ha and Under 5 ha								
5 ha and Under 10 ha	19	98.1	19					
10 ha and over								
Total	28,644	12,598.9	11,757	168		4,549	8,762	3,407

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 21. Number, area of holdings, number of holdings reporting holder as head of the household and classification of household by total area of holding

Total area of holding	Total		Household head		Classification of household		
	Number of holdings	Area (ha)	Holdings with holder as household head	Holdings with other person as household head	Single-holding household	Multi-holding household	Partnership household
Holding without land	487	13.6	487		468	19	
Holding with land	28,157	12,585.3	26,266	1,891	28,045	19	94
Under 0.1 ha	1,984	104.9	1,835	150	1,966		19
0.1 ha and Under 0.2 ha	4,624	637.3	4,343	281	4,587	19	19
0.2 ha and Under 0.5 ha	12,412	4,061.8	11,664	749	12,394		19
0.5 ha and Under 1 ha	6,908	4,592.8	6,403	505	6,871		37
1 ha and Under 2 ha	1,947	2,486.9	1,779	168	1,947		
2 ha and Under 3 ha	243	541.1	206	37	243		
3 ha and Under 4 ha	19	62.4	19		19		
4 ha and Under 5 ha							
5 ha and Under 10 ha	19	98.1	19		19		
10 ha and over							
Total	28,644	12,598.9	26,753	1,891	28,513	37	94

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 22. Number, area of holdings, number of holdings reporting, main purpose of production and main production of the holding by total area of holding

Total area of holding	Total		Main purpose of production		Main production of holdings							
	Number of holdings	Area (ha)	For household Consumptio	For sale	Cereals	Vegetables	Horticulture	Other crops	Livestock	Poultry	Fishery	Other
Holding without land	487	13.6	300	187		75			318	94		
Holding with land	28,157	12,585.3	27,221	936	26,828	618	281		337	56		37
Under 0.1 ha	1,984	104.9	1,928	56	1,479	337	19		94	56		
0.1 ha and Under 0.2 ha	4,624	637.3	4,456	168	4,400	94	19		94			19
0.2 ha and Under 0.5 ha	12,412	4,061.8	12,019	393	12,075	75	168		94			
0.5 ha and Under 1 ha	6,908	4,592.8	6,684	225	6,684	94	56		56			19
1 ha and Under 2 ha	1,947	2,486.9	1,853	94	1,910	19	19					
2 ha and Under 3 ha	243	541.1	243		243							
3 ha and Under 4 ha	19	62.4	19		19							
4 ha and Under 5 ha												
5 ha and Under 10 ha	19	98.1	19		19							
10 ha and over												
Total	28,644	12,598.9	27,521	1,123	26,828	693	281		655	150		37

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 23. Number, area of holdings, number of holdings reporting other economic production activity by total area of holding

Total area of holding	Total		Other main economic production activity of holding											
	Number of holdings	Area (ha)	Mining and quarrying	Manufacturing	Electricity, gas and water	Construction	Wholesale and retail trade	Hotel and restaurants	Transport, communication and storage	Financial intermediation	Real state/professional services	Education	Health	Community social and personal services
Holding without land	487	13.6	19	19		19	112	37	19					19
Holding with land	28,157	12,585.3	187	374	19	168	1,236	674	94	56	37	337	37	225
Under 0.1 ha	1,984	104.9	19	112			168	112				19		19
0.1 ha and Under 0.2 ha	4,624	637.3	56	94		37	94	112	19	19		56		37
0.2 ha and Under 0.5 ha	12,412	4,061.8	75	75		75	599	225	56	19		94	19	112
0.5 ha and Under 1 ha	6,908	4,592.8	37	75	19	37	262	187	19	19	19	94	19	37
1 ha and Under 2 ha	1,947	2,486.9		19		19	112	37			19	56		19
2 ha and Under 3 ha	243	541.1										19		
3 ha and Under 4 ha	19	62.4												
4 ha and Under 5 ha														
5 ha and Under 10 ha	19	98.1												
10 ha and over														
Total	28,644	12,598.9	206	393	19	187	1,348	711	112	56	37	337	37	243

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 24. Number, area of holdings, number of holdings reporting and area of land made uncultivable due to soil degradation by total area of holding

Total area of holding	Total		Types of soil degradation					
	Number of holdings	Area (ha)	Soil erosion		Chemical degradation		Physical degradation	
			No. of holdings reporting	Area (ha)	No. of holdings reporting	Area (ha)	No. of holdings reporting	Area (ha)
Holding without land	487	13.6	19	6.7				
Holding with land	28,157	12,585.3	899	102.1	19	1.4	318	27.7
Under 0.1 ha	1,984	104.9					37	0.4
0.1 ha and Under 0.2 ha	4,624	637.3	37	0.4			37	3.1
0.2 ha and Under 0.5 ha	12,412	4,061.8	337	35.3			150	15.1
0.5 ha and Under 1 ha	6,908	4,592.8	374	45.8	19	1.4	56	4.3
1 ha and Under 2 ha	1,947	2,486.9	150	20.6			37	4.8
2 ha and Under 3 ha	243	541.1						
3 ha and Under 4 ha	19	62.4						
4 ha and Under 5 ha								
5 ha and Under 10 ha	19	98.1						
10 ha and over								
Total	28,644	12,598.9	917	108.7	19	1.4	318	27.7

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 25. Number of holdings by type of employment of agricultural workers and number of permanent agricultural workers by sex and by total area of holding

Total area of holding	Total no. of holdings	Permanent basis				Occasional basis				Exchange of labour basis			
		No. of holdings reporting	No. of agriculture workers			No. of holdings reporting	No. of agriculture workers (man days)			No. of holdings reporting	No. of agriculture workers (man days)		
			Total	Male	Female		Total	Male	Female		Total	Male	Female
Holding without land	487	19	19	19					56	899	599	300	
Holding with land	28,157	187	187	187	14,079	525,177	222,188	302,990	18,647	521,677	185,924	335,753	
Under 0.1 ha	1,984				393	4,886	2,172	2,715	730	10,709	3,183	7,526	
0.1 ha and Under 0.2 ha	4,624				1,797	40,551	17,636	22,915	2,921	62,605	19,489	43,116	
0.2 ha and Under 0.5 ha	12,412	56	56	56	6,478	220,035	92,297	127,737	8,425	221,251	81,102	140,150	
0.5 ha and Under 1 ha	6,908	94	94	94	3,932	170,834	73,389	97,446	5,111	167,034	60,864	106,170	
1 ha and Under 2 ha	1,947	19	19	19	1,292	75,635	30,947	44,688	1,311	54,424	18,853	35,571	
2 ha and Under 3 ha	243	19	19	19	168	12,656	5,560	7,095	150	5,654	2,434	3,220	
3 ha and Under 4 ha	19				19	580	187	393					
4 ha and Under 5 ha													
5 ha and Under 10 ha	19												
10 ha and over													
Total	28,644	206	206	206	14,079	525,177	222,188	302,990	18,703	522,575	186,523	336,052	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 26. Number of holdings reporting by holder's age, sex and total area of holding

Total area of holding	Total no. of holdings	Number of holdings by holder's age and sex							
		All ages		Under 15 years		15 - 24 years		25 - 34 years	
		Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	487	356	131					94	
Holding with land	28,157	19,190	8,968			356	356	1,442	1,853
Under 0.1 ha	1,984	1,217	768			19	75	131	206
0.1 ha and Under 0.2 ha	4,624	2,677	1,947			187	75	356	543
0.2 ha and Under 0.5 ha	12,412	8,500	3,913			94	94	693	768
0.5 ha and Under 1 ha	6,908	5,036	1,872			37	94	187	281
1 ha and Under 2 ha	1,947	1,535	412			19	19	75	56
2 ha and Under 3 ha	243	206	37						
3 ha and Under 4 ha	19	19							
4 ha and Under 5 ha									
5 ha and Under 10 ha	19		19						
10 ha and over									
Total	28,644	19,545	9,099			356	356	1,535	1,853

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 26. Number of holdings reporting by holder's age, sex and total area of holding (Continued)

Total area of holding	Number of holdings by holder's age and sex							
	35 - 44 years		45 - 54 years		55 - 64 years		65 years and over	
	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	56	19	94	75	37	37	75	
Holding with land	3,613	2,621	5,092	1,853	4,250	1,123	4,437	1,161
Under 0.1 ha	243	243	318	112	281	56	225	75
0.1 ha and Under 0.2 ha	562	562	730	281	374	243	468	243
0.2 ha and Under 0.5 ha	1,704	1,123	2,265	786	1,928	543	1,816	599
0.5 ha and Under 1 ha	786	543	1,329	505	1,385	262	1,311	187
1 ha and Under 2 ha	262	150	393	112	262	19	524	56
2 ha and Under 3 ha	56		56	37	19		75	
3 ha and Under 4 ha							19	
4 ha and Under 5 ha								
5 ha and Under 10 ha				19				
10 ha and over								
Total	3,669	2,640	5,186	1,928	4,287	1,161	4,512	1,161

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 27. Area of holdings reporting by holder's age, sex and total area of holding

Total area of holding	Total area of holdings (ha)	Area (ha) of holdings by holder's age and sex							
		All ages		Under 15 Years		15 - 24 Years		25 - 34 Years	
		Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	13.6	10.6	3.0					3.0	
Holding with land	12,585.3	9,109.9	3,475.4			99.5	128.9	515.3	580.5
Under 0.1 ha	104.9	60.9	44.0			1.0	4.4	6.8	11.9
0.1 ha and Under 0.2 ha	637.3	374.0	263.3			23.6	7.9	47.7	77.1
0.2 ha and Under 0.5 ha	4,061.8	2,802.2	1,259.6			23.5	30.0	220.2	248.6
0.5 ha and Under 1 ha	4,592.8	3,399.9	1,192.9			19.0	67.6	125.3	170.0
1 ha and Under 2 ha	2,486.9	1,950.4	536.5			32.4	19.0	115.2	72.9
2 ha and Under 3 ha	541.1	460.1	81.0						
3 ha and Under 4 ha	62.4	62.4							
4 ha and Under 5 ha									
5 ha and Under 10 ha	98.1		98.1						
10 ha and over									
Total	12,598.9	9,120.5	3,478.4			99.5	128.9	518.2	580.5

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 27. Area of holdings reporting by holder's age, sex and total area of holding (Continued)

Total area of holding	Area (ha) of holdings by holder's age and sex							
	35 - 44 Years		45 - 54 Years		55 - 64 Years		65 Years and over	
	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	0.9	0.2	5.1	2.1	0.5	0.6	1.2	
Holding with land	1,584.6	997.3	2,344.2	955.5	2,071.1	402.7	2,495.2	410.5
Under 0.1 ha	10.5	14.9	15.3	6.1	15.3	2.0	12.0	4.8
0.1 ha and Under 0.2 ha	80.7	77.4	108.2	37.1	49.1	35.0	64.6	28.9
0.2 ha and Under 0.5 ha	541.6	365.8	741.1	246.2	665.6	170.2	610.2	198.7
0.5 ha and Under 1 ha	538.1	339.9	877.3	333.5	954.2	170.7	886.1	111.2
1 ha and Under 2 ha	289.4	199.4	482.9	153.6	334.5	24.8	696.0	66.9
2 ha and Under 3 ha	124.3		119.5	81.0	52.4		163.9	
3 ha and Under 4 ha							62.4	
4 ha and Under 5 ha								
5 ha and Under 10 ha				98.1				
10 ha and over								
Total	1,585.5	997.5	2,349.3	957.7	2,071.5	403.3	2,496.4	410.5

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 28. Farm population by age, sex and total area of holding

Total area of holding	Total number of holdings	Farm population							
		All Ages		Under 15 Years		15 - 24 Years		25 - 34 Years	
		Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	487	1,105	1,030	262	206	225	262	243	94
Holding with land	28,157	63,560	65,713	16,232	16,082	14,135	13,948	8,743	9,361
Under 0.1 ha	1,984	3,707	3,857	936	1,105	824	711	431	580
0.1 ha and Under 0.2 ha	4,624	9,286	9,660	2,752	2,864	2,041	1,779	1,254	1,404
0.2 ha and Under 0.5 ha	12,412	26,997	28,213	6,833	6,890	6,178	5,991	3,576	3,838
0.5 ha and Under 1 ha	6,908	16,980	17,243	4,006	3,838	3,913	3,857	2,453	2,509
1 ha and Under 2 ha	1,947	5,822	5,822	1,498	1,179	1,105	1,404	899	861
2 ha and Under 3 ha	243	749	880	206	206	75	206	131	168
3 ha and Under 4 ha	19	19	19						
4 ha and Under 5 ha									
5 ha and Under 10 ha	19		19						
10 ha and over									
Total	28,644	64,664	66,742	16,494	16,288	14,359	14,210	8,986	9,454

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 28. Farm population by age, sex and total area of holding (Continued)

Total area of holding	Farm population							
	35 - 44 Years		45 - 54 Years		55 - 64 Years		65 Years and over	
	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	75	168	131	168	75	94	94	37
Holding with land	7,564	8,893	6,777	7,713	4,868	4,905	5,242	4,811
Under 0.1 ha	468	562	449	431	318	243	281	225
0.1 ha and Under 0.2 ha	1,292	1,404	936	992	449	693	562	524
0.2 ha and Under 0.5 ha	3,145	4,006	3,014	3,407	2,190	2,003	2,059	2,078
0.5 ha and Under 1 ha	1,760	2,190	1,797	2,153	1,516	1,404	1,535	1,292
1 ha and Under 2 ha	805	693	524	599	318	505	674	580
2 ha and Under 3 ha	94	37	56	112	75	37	112	112
3 ha and Under 4 ha						19	19	
4 ha and Under 5 ha								
5 ha and Under 10 ha				19				
10 ha and over								
Total	7,638	9,061	6,908	7,882	4,942	4,999	5,336	4,849

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 29. Educational level of holders

Total area of holding	Total		Level of education							
			Upto 5 class		6 - 10 class		SLC		Intermediate level / 10+2	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	356	131	37		150		37		19	
Holding with land	19,190	8,968	2,453	693	3,894	1,554	1,722	262	655	112
Under 0.1 ha	1,217	768	131	37	187	150	187		112	
0.1 ha and Under 0.2 ha	2,677	1,947	468	187	543	300	225	56	131	
0.2 ha and Under 0.5 ha	8,500	3,913	1,105	318	1,722	618	730	112	206	37
0.5 ha and Under 1 ha	5,036	1,872	637	112	1,123	412	374	56	112	37
1 ha and Under 2 ha	1,535	412	112	37	281	75	168	37	75	37
2 ha and Under 3 ha	206	37			37		37		19	
3 ha and Under 4 ha	19									
4 ha and Under 5 ha										
5 ha and Under 10 ha		19								
10 ha and over										
Total	19,545	9,099	2,490	693	4,044	1,554	1,760	262	674	112

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 29. Educational level of holder (Continued)

Total area of holding	Level of education									
	Bachelor's level		Master's level		Professional Degree		Literate (non-formal education)		Illiterate	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land							75	75	37	56
Holding with land	281	19	150		19		6,478	3,426	3,538	2,902
Under 0.1 ha	19		19				262	374	300	206
0.1 ha and Under 0.2 ha	37		19		19		618	786	618	618
0.2 ha and Under 0.5 ha	94		94				2,939	1,423	1,610	1,404
0.5 ha and Under 1 ha	94	19					1,966	637	730	599
1 ha and Under 2 ha	19						618	168	262	56
2 ha and Under 3 ha	19		19				56	19	19	19
3 ha and Under 4 ha							19			
4 ha and Under 5 ha										
5 ha and Under 10 ha								19		
10 ha and over										
Total	281	19	150		19		6,553	3,501	3,576	2,958

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 30. Educational level of farm population other than holder

Total area of hoding	Total		Level of education							
			Upto 5 class		6 - 10 class		SLC		Intermediate level / 10+2	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	711	842	225	168	150	300	94	19	131	94
Holding with land	40,214	52,739	10,727	11,214	15,052	15,221	6,178	4,456	3,108	2,958
Under 0.1 ha	2,284	2,827	599	786	917	674	225	281	187	131
0.1 ha and Under 0.2 ha	5,972	6,983	2,321	2,265	2,097	1,816	524	356	262	337
0.2 ha and Under 0.5 ha	16,887	22,822	4,381	4,886	6,384	6,553	2,546	1,610	1,367	1,292
0.5 ha and Under 1 ha	10,821	14,416	2,527	2,546	4,044	4,381	1,947	1,498	1,011	824
1 ha and Under 2 ha	3,763	4,980	749	655	1,442	1,591	861	637	281	318
2 ha and Under 3 ha	487	693	150	75	168	206	75	75		56
3 ha and Under 4 ha		19								
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	40,925	53,581	10,952	11,383	15,202	15,520	6,272	4,474	3,239	3,052

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 30. Educational level of farm population other than holder (Continued)

Total area of holding	Level of education									
	Bachelor's level		Master's level		Professional Degree		Literate (non-formal education)		Illiterate	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	37	19					56	94	19	150
Holding with land	1,610	842	618	206	56		1,685	8,069	1,179	9,773
Under 0.1 ha	94	37	37	75	19		150	281	56	562
0.1 ha and Under 0.2 ha	168	37	37				300	842	262	1,329
0.2 ha and Under 0.5 ha	749	412	300	56	37		599	3,857	524	4,156
0.5 ha and Under 1 ha	393	262	225	56			431	2,265	243	2,584
1 ha and Under 2 ha	168	75	19				168	711	75	992
2 ha and Under 3 ha	37	19		19			37	94	19	150
3 ha and Under 4 ha								19		
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	1,647	861	618	206	56		1,741	8,163	1,198	9,922

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 31. Occupational distribution of holder

Total area of holding	Total		Main occupation												
			Armed forces		Managers		Professionals		Technicians and associate		Clerical support workers		Service and sales workers		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land	356	131	19		19									56	
Holding with land	19,190	8,968	37		19		449	19	206	19	75		243	37	
Under 0.1 ha	1,217	768					56		19		19		19		
0.1 ha and Under 0.2 ha	2,677	1,947	19				19		19						19
0.2 ha and Under 0.5 ha	8,500	3,913					225	19	56		37		75	19	
0.5 ha and Under 1 ha	5,036	1,872	19				131		56	19	19		94		
1 ha and Under 2 ha	1,535	412					19		37				37		
2 ha and Under 3 ha	206	37			19				19				19		
3 ha and Under 4 ha	19														
4 ha and Under 5 ha															
5 ha and Under 10 ha		19													
10 ha and over															
Total	19,545	9,099	56		37		449	19	206	19	75		300	37	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 31. Occupational distribution of holder (Continued)

Total area of holding	Main occupation													
	Skilled agriculture, forestry and fishery		Craft and related trade workers		Plants and machine operators and		Unskilled worker at elementary		Household chores		Student		Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	225	131			19								19	
Holding with land	16,438	7,844	861	19	56		112		318	917	37		337	112
Under 0.1 ha	992	693	56	19	19				19	37			19	19
0.1 ha and Under 0.2 ha	2,321	1,666	225				19		19	243			37	19
0.2 ha and Under 0.5 ha	7,170	3,426	449		37		56		187	431	19		187	19
0.5 ha and Under 1 ha	4,418	1,685	112				37		75	112	19		56	56
1 ha and Under 2 ha	1,385	318							19	94			37	
2 ha and Under 3 ha	131	37	19											
3 ha and Under 4 ha	19													
4 ha and Under 5 ha														
5 ha and Under 10 ha		19												
10 ha and over														
Total	16,662	7,975	861	19	75		112		318	917	37		356	112

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 32. Occupational distribution of farm population other than holder

Total area of hoding	Total		Main occupation											
			Armed forces		Managers		Professionals		Technicians and associate		Clerical support workers		Service and sales workers	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	618	768							19		19			19
Holding with land	35,028	47,871	842	112	262	94	487	150	599	300	356	75	1,891	187
Under 0.1 ha	1,928	2,490	75	19			19						56	
0.1 ha and Under 0.2 ha	5,036	6,010			19		19		75	19	75		225	37
0.2 ha and Under 0.5 ha	14,884	20,762	468	56	150	56	243	75	243	75	112	19	786	75
0.5 ha and Under 1 ha	9,511	13,236	206	37	37	19	150	75	168	112	168	37	468	37
1 ha and Under 2 ha	3,295	4,699	94		56		37		94	75		19	281	19
2 ha and Under 3 ha	374	655				19	19		19	19			75	19
3 ha and Under 4 ha		19												
4 ha and Under 5 ha														
5 ha and Under 10 ha														
10 ha and over														
Total	35,646	48,639	842	112	262	94	487	150	618	300	374	75	1,891	206

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

PARBAT

Table 32. Occupational distribution of farm population other than holder (Continued)

Total area of holding	Main occupation													
	Skilled agriculture, forestry and fishery worker		Craft and related trade workers		Plants and machine operators and assemblers		Unskilled worker at elementary occupation		Household chores		Student		Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	131	262	75	19	37		19			168	300	262	19	37
Holding with land	8,294	20,612	1,910	431	936	56	1,011	150	449	8,406	17,074	15,670	917	1,629
Under 0.1 ha	431	1,011	168	19	19	19	37		75	468	974	917	75	37
0.1 ha and Under 0.2 ha	1,404	2,565	356		94		262		37	1,198	2,303	2,078	168	112
0.2 ha and Under 0.5 ha	3,127	8,911	637	262	374	19	449	75	187	3,370	7,788	7,095	318	674
0.5 ha and Under 1 ha	2,415	5,972	562	131	225	19	168	56	75	2,190	4,643	3,988	225	562
1 ha and Under 2 ha	768	1,853	168	19	225		94	19	75	1,086	1,273	1,404	131	206
2 ha and Under 3 ha	150	281	19							94	94	187		37
3 ha and Under 4 ha		19												
4 ha and Under 5 ha														
5 ha and Under 10 ha														
10 ha and over														
Total	8,425	20,875	1,984	449	974	56	1,030	150	449	8,574	17,374	15,932	936	1,666

TECHNICAL NOTES

1. METHODOLOGY

Scope and coverage

The Agricultural Census covers the whole of Nepal, including all the urban areas. Only agricultural holdings operated by households are included. Agricultural activities undertaken by government organizations, businesses, etc. are excluded.

The main statistical unit in the Agricultural Census is the agricultural holding (see definition below).

Sampling frames

There are two types of sampling frames used in the sampling design:

1. The frame for selection of enumeration areas (EAs), and,
2. The frame for selection of holdings.

The sampling frame was prepared from the list of enumeration areas (EAs) from the 2011 Population Census. The frame contained a listing of wards and blocks, along with the number of houses, households and agricultural households (holdings).

In order to prepare a frame for the agricultural holdings, a stratified list of agricultural households was carried out in each selected EA from the agriculture census listing.

Sample design and selection

The basic sampling methodology used was a two-stage area sampling, as follows:

- The first stage: selection of a stratified sample of enumeration areas (EAs) with probability proportional to the expected number of holdings (stratified PPS sampling);
- The second stage: within selected EAs, the selection of a sample agricultural holding using stratified systematic random sampling.

Enumeration areas were defined as wards or, in cases where wards contained less than 25 holdings, combinations of wards. In cases of very large wards, smaller segments were prepared for making sizable EAs. For such wards, the block maps prepared during the 2011 population census were used.

The number of EAs allocated for each district was determined on the basis of the total area under the nine major crops in the district (X_d). The average area of the nine major crops (for the last three years) published by the Ministry of Agriculture Development (MoAD) was the measure of size for the allocation. The number of EAs (n_d) selected from a district was based on the following “compromise power” allocation:

$$n_d \propto (X_d)^{0.4}$$

However, the districts having less than 50 EAs were assigned to 50 EAs for better estimation. Thus, districts varied from 50 to 107 EAs according to their agricultural importance.

Between 20 and 30 holdings were selected in each selected EA. To select the sample, holdings were divided into four strata (based on the size of the holding) and systematic random sampling was applied in each stratum. Holdings were identified on the basis of the place of residence of the person operating the holding.

The sample selection was done in such a way that all holdings in a given district had the same chance of selection in the sample. Manang District was completely enumerated because it had only a small number of holdings.

Altogether, 5,200 EAs were selected. The final sample of the holdings for the country was 1,24,144.

Census content

Census concepts, questionnaires and procedures were developed in accordance with FAO guidelines as set out in the document FAO Statistical Development Series 11 – A system of integrated agricultural censuses and surveys; Volume 1, World Programme for the Census of Agriculture 2010. The guidelines provide detailed recommendations to countries on topics to be covered, statistical concepts and definitions, classifications and output.

The primary reference period for the data collected in the census was the calendar year 2011. Land area and livestock were collected in respect of the day of enumeration.

2. DEFINITIONS OF TERMS USED

Holding: An agricultural holding is an economic unit of agricultural production under single management comprising all livestock and poultry kept, and all land used wholly or partly for agricultural production purposes.

Small agricultural operations were excluded from the census. A holding was considered to be an agricultural unit satisfying any one of the following conditions:

- having area under crops greater than or equal to a quarter of a ropani (or four anna) in the hill or mountain district (0.01272 hectares), or greater than or equal to eight dhur (0.01355 hectares) in the Terai; or
- keeping one or more head of cattle or buffaloes; or
- keeping five or more head of sheep or goats; or
- keeping 20 or more poultry.

A household with livestock but no land was not considered a holding if the household did not use the livestock for agricultural purposes (e.g. a livestock trader).

The holding includes all land operated, whether or not it is owned by the holding. The holding's land may consist of one or more parcels located in one or more separate areas within a district. The holding is generally the same as a household (see definition of household).

Public grazing land is excluded. Land owned jointly by more than one person for grazing or for other purposes is included.

Holdings are defined in terms of their land and livestock holdings on the day of the census enumeration.

The Nepali word for the term holding used in the census was "**chalan (which means being used)**" or "**chalan gareko jagga**".

Parcel: Land operated by a holding consists of one or more parcels. A parcel is a piece of land entirely surrounded by land operated by someone else or not operated at all. A parcel may consist of one or more adjacent fields. The Agricultural Census parcel may be different from the parcel used in cadastral work.

Holdings without land are holdings keeping livestock but having an area under crops of less than 0.01272 hectares in the hill or mountain districts, or 0.01355 hectares in the Terai (see definition of holding). Holdings without land are shown in the tables as having a small area of land.

Holder: The holder is the person in the holding who exercises the management control over the operations of the holding. There is only one holder in each holding. The holder may or may not be the same person as the household head.

Household: A household is a group of persons who live in the same dwelling and make common arrangements for the provision of food and other essentials of daily living. A household may comprise one or more persons and may include unrelated persons. More than one household may live in a single house.

Head of the household: The head of the household is the person in the household acknowledged as head by the other members. The head has primary authority and responsibility for household affairs. The head of the household may or may not be the same person as the holder.

Wet land refers to low land where water remains on the surface or on the upper soil layer, making the land suitable for main paddy cultivation.

Dry land refers to any land other than the wet land, i.e., land which is not suitable for main paddy.

Land tenure refers to arrangements or rights under which the holder operates the land of a holding. A holding may be operated under one or more tenure forms. For the purposes of the Agricultural Census, there are three forms of land tenure – land owned by the holding, land rented from others and other tenure forms.

Land owned is the land area operated by the holding for which the holder possesses title of ownership. Land owned also includes land which the holder can reasonably expect to eventually possess title of ownership (e.g. inherited land) and land which has been operated for many years by the same holder without any other claims being made on the land.

For the purposes of measuring land operated by holdings, land owned does not include land owned but rented to others.

Land rented from others is the land rented or leased by the holder from other persons. Land rented is divided into a number of categories according to the basis on which the land was rented:

- rented for a fixed amount of money;
- rented for a fixed quantity of the produce;
- rented for a fixed share of the produce;
- rented in exchange for services provided (e.g. labor);
- rented as part of a mortgage arrangement; and
- other rental arrangements (e.g. rented for no payment).

Other tenure forms refer to land operated under tenure conditions other than ownership or renting from others. This includes squatter land and land under dispute.

Land rented out refers to land owned by the holder but rented to other persons, usually for a limited time period.

Land use refers to the major classes of land use on the holding. For the purposes of the Agricultural Census, land operated by the holding is classified according to the land use categories given below:

- (a) Agricultural land
 - Crop land
 - Arable land
 - Land under permanent crops
 - Land under permanent pastures
 - Forest and other wooded land
- (b) Ponds
- (c) All other land

Arable land is further subdivided into land under temporary crops, land under temporary meadows and land under temporary fallow. Detailed descriptions of the various land use categories are given below.

Arable land refers to all land generally under cultivation and is divided into four categories:

- land under temporary crops,
- land under temporary meadows, and
- land left temporarily fallow.

A description of each of these categories is given below. Arable land excludes land under permanent crops.

Land under temporary crops refers to land used during the reference year for crops with an under-one-year growing cycle; i.e., crops, which must be newly sown or planted for further production after the harvest. Land under temporary crops shown in Table 3 refers to the use of the land, not to the area of temporary crops shown; land used for double cropping will be counted only once. By contrast, Tables 5 and 6 show the area of all crops sown – a double-cropped piece of land will be counted twice in these tables.

Land under temporary meadows refers to land, which has been cultivated with forage crops for mowing or pasture for less than five years.

Fallow land refers to land which the holder chose not to cultivate during the reference year, with the intention of cultivating it at a later date. Land which had been left idle for five years or more was included under another land use category (such as permanent meadows and pastures).

Land under permanent crops refers to land cultivated with long-term crops which do not have to be replanted for several years after each harvest.

Permanent meadows and pastures refer to land which have been used for five years or more for growing forage crops.

Woodland or forest refers to wood lots or timber tracts, natural or planted, constituting part of the holding which have or will have value as wood, timber, other forest products or for protection.

Ponds refer to land under permanent standing water. The ponds may be natural or man-made and may be used for fishing, watering livestock, irrigation or any other purpose.

Other lands refers to land which is not being cultivated and which would require some development before it could be brought into crop production and land occupied by buildings, roads, ornamental gardens and other open spaces on the holding.

Irrigation refers to purposively providing land with water, other than rain, for improving pastures or crop production. Natural flooding of land by rainfall or overflow of rivers is not considered as irrigation. Rainwater or uncontrolled flooding, which is collected and later used on the holding, is considered irrigation.

Land under irrigation is shown in the tables according to the source of irrigation water. The sources given are river/lake/pond (by gravity), river/lake/pond (by pumping), dam/reservoir, tube well/boring, other and mixed. "Others" includes taking the irrigation water from wells and springs. Mixed sources refer to a combination of the above sources (combination of two or more source).

Area under temporary crops refers to the area of temporary crops sown for harvest during the reference year 2011 (see under "Land under temporary crops" for definition of a temporary crop). Crops sown in 2010 for harvest during 2011 are included. Crops sown in 2011 for harvest in 2012 are excluded. Crops sown but not harvested (e.g. because of damage or weather conditions) are included.

The crop area data shown in Tables 5 and 6 refer to the area of all crops sown. This is greater than the land under temporary crops (as shown under land use in Table 3), because land may be used for cultivating crops in more than one season (double cropping).

Crops under pure stand: This refers to a single crop cultivated alone in a field (as opposed to a "mixed crop"). A pure stand crop may be either temporary or permanent. Crops cultivated on the same piece of land in two seasons (double cropping) are pure stand crops.

Mixed crops are two or more different temporary or permanent crops grown simultaneously in the same field or plot (as opposed to "pure stand" crops). Temporary and permanent crops cultivated together are called "associated crops".

Mixed crops include inter-planted crops and crops planted unsystematically as a mixture in a field. The area of mixed crops was estimated using whatever convenient method was appropriate. In some cases, the mixed cropland was divided according to estimates of the area under each crop. In other cases, this was not possible and an estimate based on seeding rates was made. In all cases, the total of the crop areas for the mixed cropland was the same as the area of the land itself.

Associated crops are temporary and permanent crops cultivated simultaneously in the same field. The area of each individual crop in associated crop land was determined using similar methods to that for mixed crops, and was done in such a way that the total of the individual associated crop areas was equal to the area of the associated crop land itself.

Compact plantation: A compact plantation of permanent crops refers to plants, trees and shrubs planted in a regular and systematic manner. Plants, trees or shrubs planted in sufficient density to permit measurement of the area planted, are also considered compact plantations. Permanent crops not forming a compact plantation are considered "scattered trees".

Permanent crops of non-productive age are permanent crops which are not bearing fruit or which are below the fruit bearing age.

Permanent crops of productive age are permanent crops which are already bearing fruit or are otherwise productive.

Scattered trees refer to plants or trees planted in a scattered or isolated manner throughout the holding. For scattered trees, it was only possible to collect data on the number of trees (not area of trees as for compact plantations).

Fertilizers refer to anything added to the soil to increase the amount of plant nutrients to promote crop growth. For census purposes, there are two types of fertilizers – local/organic and minerals/chemical.

Local/organic fertilizers are organic substances such as farmyard manures, compost, etc.

Minerals/chemical fertilizers are those fertilizers that are manufactured usually through an industrial process.

Pesticides/insecticides refer mainly to insecticides but also include fungicides, fumigants, herbicides, rodenticides and other materials.

Local/improved/hybrid seeds: This refers to whether or not the holding used high yield variety seeds on the holding during the reference year.

Livestock: Livestock data refer to numbers of animals kept by the holding on the day of enumeration. This includes livestock owned by the holding and livestock being leased in by the holding. The livestock counts include livestock present on the holding on the day of enumeration as well as livestock which are temporarily absent from the holding (e.g. being grazed off the holding). Livestock includes poultry.

Livestock data are shown in the tables for cattle, chaunri (including yaks), buffaloes, goats, sheep, pigs, horses, mules/asses, rabbits, other animals, chickens, ducks, pigeons, and other poultry.

Agricultural implements: Use of specified items of agricultural equipment refers to the use of the equipment for agricultural purpose on the holding during the reference year, regardless of whether the equipment was owned by the holding. Equipment not used for agricultural purposes is excluded. The number of items of the equipment used, as given in Table 12 and 13, refers to the number on the holding on the day of enumeration. Items used are shown according to ownership – either owned solely by the holding or owned by the landowner. The latter category includes any equipment not owned by the holding.

Non-residential buildings: This refers to the use of non-residential buildings on the holding for agricultural purposes during the reference year. Buildings are shown by different tenure and use. A building used for both residential and non-residential purposes is considered residential and therefore excluded.

Forest trees on holding refer to any trees present on the holding on the day of enumeration apart from fruit trees and any other trees categorized as permanent crops.

Agricultural credit refers to whether, on the day of enumeration, the holding owed money on any loan which had been received for agricultural purposes, regardless of when the loan had been taken out. The figures shown in the tables do not refer to the number of loans received during the reference year.

Permanent agricultural workers are workers employed permanently by the holding during the reference year. By permanent is meant that the person worked on the holding for six months or more during the reference year. In mountain areas, a permanent worker was anyone considered permanent by the holder.

Permanent workers exclude any members of the holder's household (even if the person is unrelated and being paid for work on the holding). The number of permanent workers was counted on the day of enumeration.

Occasional agricultural workers are workers employed by the holding who are not considered to be permanent. Occasional workers include only those who work for payment in cash or in goods on a daily basis. Work done in exchange for labor is not included.

An occasional worker who works around 8 hours a day is considered to be a man-day. The number of man-days workers was counted during the reference period.

Exchange of labour (Parma) workers includes only those who work without taking any kind of payments (cash or goods). In addition, holders exchange their family member as an agriculture worker within their community.

3. QUALITY CONTROL

The Agriculture Census 2011/12 was very much concerned about the quality control of data by initiating various mechanism to reduce the non-sampling error as far as possible. Sampling error was minimized through the modification of designs of the previous agriculture sample census. Training, supervision, completeness check, verification of data entry and consistency check were the quality control mechanisms for the data.

4. INTERPRETATION OF DATA

Census estimates given in the tables are subject to sampling errors, i.e., errors arising because the data are based on a sample of holdings and not all holdings. The size of the sampling errors can be estimated from the sample estimates. Sampling errors for some census estimates have been calculated and will be presented in a technical report on the census, which will be prepared later.

Estimates are shown in the tables to the last digit. No statistical collection (sample survey or otherwise) can give fully accurate data to that level of precision. Therefore, in interpreting the tables, the figures should be suitably rounded off.

5. DISSEMINATION OF CENSUS DATA

A number of other census publications will be issued. In addition to the report presenting tables at the national level and the report showing comparisons between districts, reports will also be issued for each district (75 reports), each ecological belt (3 reports) and each development region (5 reports). Other census data may be made available on request to the CBS.

A technical report on the census will also be issued. The report will contain a technical description of the census methodology, a presentation of the sampling errors and an assessment of the data quality.

The CBS plans to issue a number of analytical reports as well.

